Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L40	0	Auffret-eric-$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/28 11:46
L41	33	(camera and direction and antenna and (direct$3 or chang$3 or adjust$3 or mov$3) and (locat$3 or identif$6) and signal).clm.	US-PGPUB	OR	ON	2005/11/28 11:48

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L23	22	"92306038"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/28 08:44
L24	19	23 and user same data same extension	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/28 08:54
L25	38	wise-adrian-P.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/28 10:22
L26	31362	antenna same (direct$3 or trac$3) same transmit$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 10:23
L27	184	servo same antenna same (direct$3 or trac$3) same transmit$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 10:25
L28	3335	direction$2 same antenna same direct$3 same locat$3 same (camera or transmit$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 10:26
L29	601	direction$2 adj antenna same direct$3 same locat$3 same (camera or transmit$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 10:26
L30	24	direction$2 adj antenna same direct$3 same locat$3 same (camera or transmit$4) and servo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:03
L31	338762	(electronic adj news adj gathering) or ENG	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:04

L32	282	(electronic adj news adj gathering) or ENG and directional adj antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:07
L33	170	(electronic adj news adj gathering) or ENG and directional adj antenna and (locat$3 or identif$6) adj signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:08
L34	167	(electronic adj news adj gathering) or ENG and directional adj antenna same (locat$3 or identif$6) adj signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:06
L35	167	34 and ad@<"20010404"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:07
L36	129	34 and @ad<"20010404"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:07
L37	129	((electronic adj news adj gathering) or ENG) and directional adj antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:10
L38	4	((electronic adj news adj gathering) or ENG) and directional adj antenna and (locat$3 or identif$6) adj signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:08
L39	24	((electronic adj news adj gathering) or ENG) and directional adj antenna same (adjust$3 or mov$3 or direct$3 or rotat$3) same signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 11:11

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? show files; ds; save temp; logoff hold
File 344:Chinese Patents Abs Aug 1985-2005/May
         (c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200573
         (c) 2005  Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.

Set     Items   Description
S1      18166   VIDEO(3N)TRANSMI?
S2     318570   CAMERA? ?
S3    2193594   S PICTURE? ? OR IMAGE?? OR PICTURE?? OR JPEG?? OR PHOTO?? -
             OR GIF?? OR VIDEO OR PHOTOGRAPH??
S4     292957   S3(7N)(SEND??? OR TRANSFER??? OR FORWARD??? OR PASS??? OR -
            MOV??? OR TRANSMIT??? OR BROADCAST??? OR COMMUNICAT???)
S5      85788   RF OR RADIO()FREQUENC?
S6      56644   (IDENTIFICATION? ? OR IDENTIF?)(3N)(MEANS OR DEVICE? ? OR -
           SYSTEM? ?  OR APPARATUS? OR EQUIPMENT? ?)
S7       7391   DIRECTION?(3N)ANTENNA? ?
S8      10092   LOCAT?(3N)SIGNAL? ?
S9      23713   SERVO(3N)CONTROL?
S10        24   AU=(AUFFRET, E? OR AUFFRET E?)
S11    902299   IC=H04N?
S12        22   S11 AND S10
S13        17   S12 AND S2
S14         8   S13 AND S4
S15        11   S2 AND S4 AND S7
S16        11   S15 NOT S14
S17     39421   S2 AND S4
S18       235   S17 AND S5
S19         5   S18 AND S8
S20         5   S19 NOT (S16 OR S14)
S21       314   S17 AND S6
S22        21   S21 AND S1
S23        20   S22 NOT (S20 OR S16 OR S14)
```

14/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

07176104 **Image available**
DEVICE FOR TRANSMITTING VIDEO BETWEEN **CAMERA** AND CONTROL ROOM

PUB. NO.: 2002-044491 [JP 2002044491 A]
PUBLISHED: February 08, 2002 (20020208)
INVENTOR(s): **AUFFRET ERIC**
APPLICANT(s): THOMSON BROADCAST SYST
APPL. NO.: 2001-114461 [JP 2001114461]
FILED: April 12, 2001 (20010412)
PRIORITY: 00 200005065 [FR 20005065], FR (France), April 14, 2000 (20000414)

DEVICE FOR TRANSMITTING VIDEO BETWEEN **CAMERA** AND CONTROL ROOM

INVENTOR(s): **AUFFRET ERIC**
INTL CLASS: **H04N-005/222** ; H01Q-003/02; **H04N-005/38** ; **H04N-005/44**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a wireless **camera** system, which is especially suitable for being used in a studio or a stadium, capable... ...the help of a receiving antenna by executing a self-focusing system.

SOLUTION: This wireless **camera** system is provided with a **camera** 10, having a **transmitter** 11 for transmitting **images** by radio frequencies, and a receiving antenna 12 having directivity for receiving the **images** from the **transmitter** 11. The **camera** 10 is provided with an identifying means for transmitting a position confirmation signal. The antenna...

... and a servo-control means for directing the antenna to the transmitter 11 of the **camera** 10. The **camera** 10 and the antenna 12 is respectively controlled in this system.

14/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016388032 **Image available**
WPI Acc No: 2004-545941/200453
XRPX Acc No: N04-431581
Radio frequency signal reception quality measuring system, has divisor establishing indication of reception quality depending on number of satisfactory receivers in which predetermined reception criteria is satisfied
Patent Assignee: THOMSON LICENSING SA (CSFC); THOMSON LICENSING (CSFC)
Inventor: **AUFFRET E**
Number of Countries: 108 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2849970	A1	20040716	FR 2003221	A	20030110	200453	B
WO 200464269	A1	20040729	WO 2003EP14734	A	20031222	200453	

AU 2003293970 A1 20040810 AU 2003293970 A 20031222 200479
EP 1582011 A1 20051005 EP 2003789383 A 20031222 200565
WO 2003EP14734 A 20031222

Priority Applications (No Type Date): FR 2003221 A 20030110
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
FR 2849970 A1 18 H04B-007/08
WO 200464269 A1 E H04B-007/08
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW
AU 2003293970 A1 H04B-007/08 Based on patent WO 200464269
EP 1582011 A1 E H04B-007/08 Based on patent WO 200464269
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Inventor: **AUFFRET E**

Abstract (Basic):
... reception quality of predetermined radiofrequency signal emitted from a transmitter that is connected to a **camera** .
...
...The system enables cameraman to conveniently position a wireless camera , thereby improving the quality of **image** and sounds **transmitted** by the **transmitter** connected to the **camera** .

...International Patent Class (Additional): **H04N-005/247**

14/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015368871 **Image available**
WPI Acc No: 2003-429809/200340
XRPX Acc No: N03-343231
Video camera **system evaluates continuously quality of filmed** images transmitted **from mobile** video camera **to base station, and displays information related to evaluated quality of image**
Patent Assignee: THOMSON LICENSING SA (CSFC); AUFFRET E (AUFF-I); MOREL P (MORE-I); PLESSIX J (PLES-I)
Inventor: **AUFFRET E** ; MOREL P; PLESSIX J P; PLESSIX J
Number of Countries: 032 Number of Patents: 004
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 20030052994 A1 20030320 US 2002245049 A 20020917 200340 B
EP 1311082 A1 20030514 EP 200219640 A 20020903 200340
FR 2829898 A1 20030321 FR 200112120 A 20010917 200340
JP 2003224741 A 20030808 JP 2002264288 A 20020910 200361

Priority Applications (No Type Date): FR 200112120 A 20010917
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes

US 20030052994 A1 9 H04N-005/225
EP 1311082 A1 E H04L-001/20
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR
FR 2829898 A1 H04N-005/225
JP 2003224741 A 7 H04N-005/225
Video camera **system evaluates continuously quality of filmed** images transmitted **from mobile** video camera **to base station, and displays information related to evaluated quality of image**
Inventor: **AUFFRET E** ...

Abstract (Basic):
... The system includes a base station (2) comprising a receiver for receiving the filmed **images transmitted** from a mobile **video camera** (1). The system further includes an evaluation unit for continuously evaluating the quality of the **transmitted image** , and a display unit that displays information related to the evaluated quality of image.
... 1) video **camera** ; and...

...Video **camera** system...

...The cameraman modifies the displacements of **camera** according to the information displayed about the quality of image, thereby avoiding disengagement of **camera** with the antenna...

...The figure shows a wireless video **camera** system...

...mobile video **camera** (1...
...Title Terms: **CAMERA** ;
...International Patent Class (Main): **H04N-005/225**
...International Patent Class (Additional): **H04N-005/232** ...

... **H04N-005/28** ...

... **H04N-007/18** ...

... **H04N-017/00**

14/3,K/4 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011585048 **Image available**
WPI Acc No: 1998-002177/199801
XRPX Acc No: N98-001721
Video camera **system with background and foreground manipulation facility - has** camera **which processes and separates visible and non-visible light components to form separation key and output background signal**
Patent Assignee: THOMSON MULTIMEDIA (THOH); THOMSON MULTIMEDIA SA (THOH); THOMSON CONSUMER ELECTRONICS INC (THOH); THOMSON LICENSING SA (CSFC)
Inventor: **AUFFRET E** ; BIZOS L; BLONDEL L; BLONDE L
Number of Countries: 005 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 809408	A1	19971126	EP 97401129	A	19970523	199801	B
FR 2749116	A1	19971128	FR 966506	A	19960524	199804	
JP 10051803	A	19980220	JP 97128628	A	19970519	199818	
US 6124887	A	20000926	US 97855956	A	19970514	200051	

Priority Applications (No Type Date): FR 966506 A 19960524
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 809408	A1	F	18	H04N-009/75	
Designated States (Regional): DE FR GB					
FR 2749116	A1			H04N-005/272	
JP 10051803	A		11	H04N-009/74	
US 6124887	A			H04N-005/225	

Video camera **system with background and foreground manipulation facility**...

...**has** camera **which processes and separates visible and non-visible light components to form separation key and**...
Inventor: **AUFFRET E** ...

...Abstract (Basic): The system takes signals from a **camera** (2) and passes them to an optical separator (3). The separator produces the three primary...

...The red, green and blue light components are also detected (4,5,6) and **passed** to a processor (8) which generates a **video** output (S1). The background can be extracted from the video signal using the separation key...
...Title Terms: **CAMERA** ;
International Patent Class (Main): **H04N-005/225** ...

... **H04N-005/272** ...

... **H04N-009/74** ...

... **H04N-009/75**
International Patent Class (Additional): **H04N-009/04** ...

... **H04N-009/09**

14/3,K/5 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010344508 **Image available**
WPI Acc No: 1995-246596/199532
XRPX Acc No: N95-191498
Progressive addressing method for CCD frame interline transfer e.g. for studio camera **- handling two successive** images **as two half-** images **during pixel charge** transfer **from photosensitive area to interline area**
Patent Assignee: THOMSON CSF (CSFC)
Inventor: **AUFFRET E** ; HEURTAUX J
Number of Countries: 017 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9518506	A1	19950706	WO 94FR1518	A	19941222	199532	B

FR 2714785 A1 19950707 FR 9315880 A 19931230 199532

Priority Applications (No Type Date): FR 9315880 A 19931230
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 9518506 A1 15 H04N-003/15
Designated States (National): US
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
FR 2714785 A1 H04N-001/40
Progressive addressing method for CCD frame interline transfer e.g. for studio camera - ...

...**handling two successive** images **as two half-** images **during pixel charge** transfer **from photosensitive area to interline area**
Inventor: **AUFFRET E** ...
...Title Terms: **CAMERA** ;
International Patent Class (Main): **H04N-001/40** ...

... **H04N-003/15**

14/3,K/6 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009467787 **Image available**
WPI Acc No: 1993-161326/199320
XRPX Acc No: N93-123803
Image **analyser with charge** transfer **matrix and** video **signal scrambler - has photosensitive zone with memory zone of shift registers and supplementary device to scramble signal from moment of reading**
Patent Assignee: THOMSON CSF (CSFC)
Inventor: **AUFFRET E**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
FR 2681491 A1 19930319 FR 9111418 A 19910917 199320 B

Priority Applications (No Type Date): FR 9111418 A 19910917
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
FR 2681491 A1 23 H04N-003/15
Image **analyser with charge** transfer **matrix and** video **signal scrambler**...
Inventor: **AUFFRET E**

...Abstract (Basic): USE/ADVANTAGE - Video **camera** , professional television, robotics, meteorology etc. Low cost, low power, increased security and no unscrambled data between **camera** and scrambler...
International Patent Class (Main): **H04N-003/15**
International Patent Class (Additional): **H04N-007/16**

14/3,K/7 (Item 1 from file: 371)
000904697 **Image available**
Title: Procede d'adressage progressif d'un dispositif a transfert de

charges et dispositif de prise de vue utilisant ce procede.
Patent Applicant/Assignee: THOMSON CSF
Applicant Address: SOCIETE DITE: THOMSON-CSF (SOCIETE ANONYME)- Deposant - 173, BLD HAUSSMANN 75008 PARIS FRANCE (FR-75008)
Inventor(s): **AUFFRET ERIC** - THOMSON-CSF S.C.P.I. BP 329 92402 COURBEVOIE CEDEX FRANCE (FR-92402); HEURTAUX JEAN-CLAUDE - THOMSON-CSF S.C.P.I. BP 329 92402 COURBEVOIE CEDEX FRANCE
Legal Representative: THOMSON CSF
Document Type: Patent / Brevet
Patent and Priority Information (Country, Number, Date):
Patent: FR 2714785 - 19950707
Application: FR 9315880 - 19931230
Priority Application: FR 9315880 - 19931230

Legal Status (Type, Action Date, BOPI No, Description):
Publication 19950707 9527 Date published
Search Report 19950707 9527 Date Search Report published

Inventor(s): **AUFFRET ERIC** ...

Abstract:
...courante et a la trame suivante, et consiste pour la lecture de ces deux demi- **images** , a **transferer** a la frequence ligne les charges de la zone memoire trame (2) vers le registre...

...les charges contenues dans les zones interlignes (4i) vers la zone memoire trame (2). Application: **camera** utilisant ce type de capteurs pour la vision industrielle.

International Patent Class (Main): **H04N-001/40**

...French Descriptors: **CAMERA** CCD
...English Descriptors: CCD **CAMERA** ;

14/3,K/8 (Item 2 from file: 371)
000871510 **Image available**
Title: Dispositif a transfert **de charges permettant l'embrouillage** video **et** camera **contenant un tel dispositif.**
Patent Applicant/Assignee: THOMSON CSF
Applicant Address: THOMSON-CSF- Deposant - 51 ESPLANADE DU GENERAL DE GAULLE 92800 PUTEAUX FRANCE (FR-92800)
Inventor(s): **AUFFRET ERIC** - THOMSON-CSF S.C.P.I. CEDEX 67 92045 PARIS LA DEFENSE FRANCE (FR-92045
Legal Representative: THOMSON CSF
Document Type: Patent / Brevet
Patent and Priority Information (Country, Number, Date):
Patent: FR 2681491 - 19930319
Application: FR 9111418 - 19910917
Priority Application: FR 9111418 - 19910917

Legal Status (Type, Action Date, BOPI No, Description):
Publication 19930319 9311 Date published
Search Report 19930319 9311 Date Search Report published
Lapse 19930528 Date lapsed

Title: Dispositif a transfert **de charges permettant l'embrouillage** video **et** camera **contenant un tel dispositif.**

Inventor(s): **AUFFRET ERIC** ...

Abstract:

La presente invention concerne un dispositif d'anlayse d' **images** lumineuses utilisant une matrice a **transfert** de charges, comprenant une zone photosensible (Z1) constituee de N lignes paralleles, chaque ligne etant...

...de lecture des charges recueillies dans la zone photo-sensible. L'invention concerne aussi une **camera** destinee a la prise de vues d' **images video** , ladite **camera** contenant un dispositif a **transfert** de charges comprenant des moyens permettant d'embrouiller le signal representant l'image a reproduire. L'invention s'applique aux **cameras** de prise de vues d'images video.

International Patent Class (Main): **H04N-003/15**
International Patent Class: **H04N-007/16**
?

16/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

07627673 **Image available**
MEASURING APPARATUS FOR RADIO WAVE ARRIVAL DIRECTION

PUB. NO.: 2003-121526 [JP 2003121526 A]
PUBLISHED: April 23, 2003 (20030423)
INVENTOR(s): SAKAWA KOZO
SHIMIZU HIROYUKI
APPLICANT(s): YRP MOBILE TELECOMMUNICATIONS KEY TECH RES LAB CO LTD
APPL. NO.: 2001-314923 [JP 2001314923]
FILED: October 12, 2001 (20011012)

ABSTRACT
... SOLUTION: A motor 13 is operated by an antenna rotation-control apparatus 14, and a **directional antenna** 1 mounted to a substrate 12 is rotated to receive radio waves. After the reception...

...15, the signal is converted into digital data by an A/D converter 16. A **camera** 18 for imaging static **images** or **moving images** is mounted to the **directional antenna** 11 to photograph the front of the **directional antenna** 11, and the photographed images are outputted to an image-processing apparatus 19 and a...
... The image-processing apparatus 10 converts the image into digital information. Information, for indicating the **direction** where the **directional antenna** 11, is directed from the antenna rotation-control apparatus 14, a reception radio wave signal...

16/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO

05390634 **Image available**
CAMERA DIRECTING DEVICE

PUB. NO.: 09-005434 [JP 9005434 A]
PUBLISHED: January 10, 1997 (19970110)
INVENTOR(s): ONARI YASUKE
KAWAHARA TAMOTSU
APPLICANT(s): TOKIMEC INC [000338] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-155858 [JP 95155858]
FILED: June 22, 1995 (19950622)

CAMERA DIRECTING DEVICE
...JAPIO CLASS: **Photography** & Cinematography); 44.6 (**COMMUNICATION** --

ABSTRACT
PURPOSE: To provide a **camera** directing device capable of simply directing a **camera** to a target at a low cost...

...CONSTITUTION: This **camera** directing device directs a **camera** mounted on a traveling body. It is provided with a radar device 14 transmitting radio waves from an **antenna** in all **directions** , receiving te reflected waves from a target, acquiring and tracking the target from the reception

...

... reference line set against the traveling body in sequence, a platform 12a on which the **camera** is to be mounted, and a vibration stabilizing device 12 capable of holding the platform...

16/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

04031021 **Image available**
VIDEO TELEPHONE SET

PUB. NO.: 05-022721 [JP 5022721 A]
PUBLISHED: January 29, 1993 (19930129)
INVENTOR(s): NAKAGAWA TATSUO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-176387 [JP 91176387]
FILED: July 17, 1991 (19910717)
JOURNAL: Section: E, Section No. 1379, Vol. 17, No. 307, Pg. 14, June 11, 1993 (19930611)

...JAPIO CLASS: **Photography** & Cinematography); 44.9 (**COMMUNICATION** --

ABSTRACT

...receiving part 12 as an adjustment distance signal to be the appropriate zoom of a **camera** 4. The adjustment distance signal is transmitted to the master set 20 together with a...

... set 20 receives(7) the transmission voice signal and the adjustment distance signal by an **antenna** , detects(8) the **direction** of the slave set 30 and drives(9) the **camera** 4 so as to make the direction of the slave set 30 be always held...

...slave set 30 and a zoom driving part 11 automatically adjust the zoom of the **camera** 4 so as to permit it to be appropriate to distance.

16/3,K/4 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016977497 **Image available**
WPI Acc No: 2005-301810/200531
Slide-type portable telephone, especially with regards to inclining an angle of an upper LCD screen for user convenience, while enabling a user to rotate a camera **and a speaker in desired direction**
Patent Assignee: KIM S G (KIMS-I)
Inventor: KIM S G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2004104878	A	20041213	KR 200336141	A	20030604	200531	B

Priority Applications (No Type Date): KR 200336141 A 20030604
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes

KR 2004104878 A 1 H04B-001/38

... **of an upper LCD screen for user convenience, while enabling a user to rotate a** camera **and a speaker in desired direction**

Abstract (Basic):
... to incline an angle of an LCD screen when controlling, and to rotate an upper **camera** unit configuring a **camera** and a speaker at 180 degrees, so that a user can easily store and **transmit** an **image** while photographing a **moving image** .
... Mobile grooves(14) are formed on both sides of various number buttons(13) in a **direction** of an **antenna** (15) from a **direction** of a microphone(12), on a lower top case of a lower part(10). Upper...

...fix a portable telephone to an upper part(20), so as to move in the **direction** of the **antenna** (15) from the **direction** of the microphone(12). LED elements(16) are configured inside a lower bottom case of...

...part(20) moves to be open from the direction of the microphone(12) to the **direction** of the **antenna** (15), light is emitted from the LED elements(16...
...Title Terms: **CAMERA** ;

16/3,K/5 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016786070 **Image available**
WPI Acc No: 2005-110346/200512
XRPX Acc No: N05-095258
Wireless communication device e.g. global system for mobile communication portable handset, has omni- directional antenna **coupled to one direct conversion receiver and directive antenna coupled to another direct conversion receiver**
Patent Assignee: JAVOR R D (JAVO-I); SMITH M H (SMIT-I); INTEL CORP (ITLC)
Inventor: JAVOR R D; SMITH M H; JAVOR R; SMITH M
Number of Countries: 108 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040266356	A1	20041230	US 2003607796	A	20030627	200512	B
WO 200506591	A2	20050120	WO 2004US18168	A	20040603	200512	

Priority Applications (No Type Date): US 2003607796 A 20030627
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040266356	A1		7	H04B-017/00	
WO 200506591	A2	E		H04B-007/08	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Wireless communication device e.g. global system for mobile communication portable handset, has omni- directional antenna **coupled to one direct conversion receiver and directive antenna coupled to another direct conversion receiver**

Abstract (Basic):

... The wireless communication device has an omni- **directional antenna** coupled to a direct conversion receiver and directive microstrip patch antenna coupled to another direct...

... network (WLAN) access point (AP), web tablet, pager, instant messaging device, digital music player, digital **camera** , set-top box, gateway like digital subscriber line (DSL) modem, cable modem, router, multimedia device like personal **video** recorder (PVR), DVD player using **communication** protocols like wireless personal area network (WPAN), wireless metropolitan area network (WMAN) and wireless wide...

16/3,K/6 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015759679 **Image available**

WPI Acc No: 2003-821881/200377

XRPX Acc No: N03-657301

Millimeter wave wireless transmission system for motor vehicle, analyzes photographed image of parking area to determined whether car is parked in parking area, and transmits **audio or** video **data related to analysis result**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2003264499	A	20030919	JP 200265373	A	20020311	200377	B

Priority Applications (No Type Date): JP 200265373 A 20020311

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003264499	A		11	H04B-007/26	

... **photographed image of parking area to determined whether car is parked in parking area, and** transmits **audio or** video **data related to analysis result**

Abstract (Basic):

... The base station (1) has a video **camera** (4) for photographing car parking area. A computer (7) analyzes the photographed image to determine...

...area. The directivity (10) of the antenna (2) of the base station is controlled to **transmit** millimeter wave representing audio or **video** data related to the analysis result to a multi- **directional antenna** (13) of the car.

... video **camera** (4...

...multi- **directional antenna** (13...

16/3,K/7 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015177546 **Image available**
WPI Acc No: 2003-238076/200323
Related WPI Acc No: 1999-253160; 2003-196717
XRPX Acc No: N03-189650

Remote surveillance system for monitoring drug transactions in street, receives rotation commands from remote control block based on which directional antenna **is rotated**

Patent Assignee: DETECTION DYNAMICS INC (DETE-N)
Inventor: LOYD J D; MARSHALL D H
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020154218	A1	20021024	US 96752566	A	19961121	200323 B
			US 99265462	A	19990310	
			US 2002123502	A	20020415	
US 6624845	B2	20030923	US 96752566	A	19961121	200364
			US 99265462	A	19990310	
			US 2002123502	A	20020415	

Priority Applications (No Type Date): US 99265462 A 19990310; US 96752566 A 19961121; US 2002123502 A 20020415
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020154218	A1		16	H04N-007/18	CIP of application US 96752566 Cont of application US 99265462 CIP of patent US 5886738
US 6624845	B2			H04N-007/18	CIP of application US 96752566 Cont of application US 99265462 CIP of patent US 5886738 Cont of patent US 6462775

... **monitoring drug transactions in street, receives rotation commands from remote control block based on which** directional antenna **is rotated**

Abstract (Basic):

... A remote control block **communicates** with a CCD **camera image** transmission block enclosed in a street lamp housing (422), selects received images to be viewed by the transmission logic. A **directional antenna** system coupled to the transmission block, receives the rotation commands from the remote control block to rotate the **directional antenna** .

... An INDEPENDENT CLAIM remote controlled **directional antenna** .

...

...The surveillance images obtained by a surveillance **camera** can be viewed from long distances by including a **directional antenna** within the surveillance system. Allows the user to switch the lamp ON/OFF or could...

...Password protection is added to a command sequence to prevent any change from affecting the **camera** unless an appropriate command sequence is entered

16/3,K/8 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015136191 **Image available**
WPI Acc No: 2003-196717/200319
Related WPI Acc No: 1999-253160; 2003-238076
XRPX Acc No: N03-156027

Remote surveillance system for office buildings, amusement parks, rotates directional antenna in response to rotation commands received from remote control unit

Patent Assignee: DETECTION DYNAMICS INC (DETE-N)
Inventor: LOYD J D; MARSHALL D H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6462775	B1	20021008	US 96752566	A	19961121	200319	B
			US 99265462	A	19990310		

Priority Applications (No Type Date): US 99265462 A 19990310; US 96752566 A 19961121
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6462775	B1		15	H04N-007/18	CIP of application US 96752566 CIP of patent US 5886738

Remote surveillance system for office buildings, amusement parks, rotates directional antenna in response to rotation commands received from remote control unit

Abstract (Basic):
... A **camera image** transmission unit views **images** and **transmits** the viewed **images** . A **directional antenna** unit connected to the transmission unit, rotates a **directional antenna** in response to the rotation commands received from a remote control unit. A street lamp housing (604) encloses the **camera** image transmission unit.
... Allows surveillance images to be viewed from greater distances by including a **directional antenna** and also allows the **images** to be changed or **moved** , while still allowing optimum reception by changing the **direction** of **antenna** using remote commands...

16/3,K/9 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014586306
WPI Acc No: 2002-407010/200244
XRPX Acc No: N02-319600

Synchronous remote control of position dependent components such as video cameras or microphones, using a rotary pulse generator such as a stepper motor

Patent Assignee: HENCKELL T J (HENC-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 20202405	U1	20020418	DE 2002U2002405	U	20020215	200244	B

Priority Applications (No Type Date): DE 2002U2002405 U 20020215
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
DE 20202405 U1 11 H02P-008/40

Synchronous remote control of position dependent components such as video cameras or microphones, using a rotary pulse generator such as a stepper motor

Abstract (Basic):
... and in angular synchronism remotely control a stepper motor. The drive axis of the motor **moves** e.g. a **video camera** , a directional microphone or the like or can drive the axis of a rotary capacitor...
... For remote control of the position of e.g. monitor **cameras** , video recorders, **directional** microphones or **antennas** .

...Title Terms: **CAMERA** ;

16/3,K/10 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009775846
WPI Acc No: 1994-055697/199407
XRPX Acc No: N94-043742

Optical reception device for optical communication systems - has TV camera to carry out spectral and polarisation filtration of received signal with angle discriminator to adjust angle of optical receiving antenna

Patent Assignee: MALTSEV G N (MALT-I)
Inventor: GRIGOREV D N; MALTSEV G N; PODREZOV S V
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
SU 1788587 A1 19930115 SU 4878588 A 19901029 199407 B

Priority Applications (No Type Date): SU 4878588 A 19901029
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
SU 1788587 A1 4 H04B-010/06

... **has TV** camera **to carry out spectral and polarisation filtration of received signal with angle discriminator to adjust**...

...Abstract (Basic): A guidance system (6) fixes a receiving optical **antenna** (1) in the **direction** of an optical signal source and the received signal is split into two by a...

...The other part of the signal passes to a TV **camera** (9), carrying out spectral and polarisation filtration and passing a TV signal to an angle discriminator (10) and to an **image** dimensions meter (11), **passing** a signal proportional to the area of a circle of dispersion to a spatial filter...

...The angle discriminator (10) refines the **direction** of the optical **antenna** (1...
...Title Terms: **CAMERA** ;

16/3,K/11 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

003848364
WPI Acc No: 1983-844614/198350
XRPX Acc No: N83-224589
Remote video camera **antenna selector - selects correct antenna to maintain radio link with base station dependent on directional orientation of transmitter**
Patent Assignee: FACKLER J D (FACK-I)
Inventor: FACKLER J D
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4418351	A	19831129				198350	B
JP 58225705	A	19831227	JP 82109077	A	19820624	198406	

Priority Applications (No Type Date): US 81253658 A 19810413; JP 82109077 A 19820624
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4418351	A		5		

Remote video camera **antenna selector**...

...Abstract (Basic): The switched **directional antenna** system is for a remote **video camera** , e.g. carried by an outside **broadcast** cameraman, which transmits its output via a radio link. The system is initially oriented by a direction indicating a compass. This tracks the direction in which the video **camera** is oriented. A number of sensors corresponding to the number of antennae are angularly disposed...

...initially orient the system to a line of sight within a predetermined angle, between the **video transmitter** and a master or relay station. Subsequently these circuits, in accordance with the compass and...
...Title Terms: **CAMERA** ;
?

20/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016024811 **Image available**
WPI Acc No: 2004-182662/200418
XRPX Acc No: N04-145318
Visitor analysis and tracking system for use in theme park, holiday or leisure facility, includes portable GPS receivers worn around the wrist that transmit a location signal to a base station when interrogated by base station
Patent Assignee: CNW LTD (CNWC-N)
Inventor: WALTON C N
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2392331	A	20040225	GB 20039425	A	20030425	200418	B

Priority Applications (No Type Date): GB 200214956 A 20020628
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2392331	A		35	G01S-005/14	

... **holiday or leisure facility, includes portable GPS receivers worn around the wrist that transmit a** location signal **to a base station when interrogated by base station**

Abstract (Basic):
... worn around the wrist of a person, e.g. child. A number of low power **RF** transmitters such as local tags (28) and perimeter tags (30) installed around the outer perimeter...

...the receiver comes within a predetermined distance of the transmitter. The GPS receiver transmits a **location signal** to a base station (24) on receipt of an interrogation signal from the base station.
... bands and include a device for detecting removal of the wrist band so that a **location signal** is transmitted should the receiver be forcibly removed from a child's wrist. The tracking system may also include a **camera** for taking a digital photograph of each person wearing a GPS receiver and a device...

...storing the image and an identification code of their GPS receiver. The tracking system may **transmit** the **picture** of a child wearing a GPS receiver to one or more PDAs carried by members...

...in the event that the child becomes lost or separated from a family group. A **location signal** is transmitted should the GPS receiver be forcibly removed from the child's wrist...

...local **RF** transmitter tag (28...

...perimeter **RF** transmitter tag (30...

20/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012650203 **Image available**
WPI Acc No: 1999-456308/199938
XRPX Acc No: N99-341097
Fire arm discharge detection apparatus in banking institutions, store markets
Patent Assignee: 808 INC (EIGH-N)
Inventor: SALISBURY G S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5917775	A	19990629	US 96597704	A	19960207	199938	B

Priority Applications (No Type Date): US 96597704 A 19960207
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5917775	A		8	G01S-015/00	

Abstract (Basic):
... the alerting signal through a communication device (116) such as a standard telephone communication line, **radio frequency** communications, cellular data, telephone **communication** , satellite **communication** . The monitoring device includes audio- **video** recorder, automatic door or window locking mechanism, exterior audible alarm still picture **camera** . A battery (122) is provided in the event of a power failure in order to...

...Transmits alarm **signal** to predetermined **location** as to the discharge in order for help to be dispatched to the location...

20/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011880163 **Image available**
WPI Acc No: 1998-297073/199826
XRPX Acc No: N98-232417
Marine navigation system for ships - has low light and conventional video cameras located **in housing** sending signal **which are overlaid with azimuth information and** camera **elevation from sensors on housing**
Patent Assignee: SCHNEE R A (SCHN-I)
Inventor: SCHNEE R A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5751344	A	19980512	US 95498167	A	19950705	199826	B
			US 97886660	A	19970702		

Priority Applications (No Type Date): US 95498167 A 19950705; US 97886660 A 19970702
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5751344	A		6	H04N-007/18	Cont of application US 95498167

... **has low light and conventional** video cameras located **in housing** sending signal **which are overlaid with azimuth information and** camera **elevation from sensors on housing**

...Abstract (Basic): and a separate captains cabin (10) and includes a low light and a conventional video **camera** mounted within a weatherproof enclosure (12) on a marine vessel. Video signals are automatically selected from the **cameras** depending on light conditions and transmitted to the cabin. The housing is remotely controlled to...

...Azimuth information and **camera** elevation are provided by sensors and is overlaid with the video information for viewing on...

...from a global satellite positioning system receiver and is also displayed. The overlayed signal is **RF** modulated for distribution to TV receivers on the vessel...
...Title Terms: **CAMERA** ;

20/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011754829 **Image available**
WPI Acc No: 1998-171739/199816
XRPX Acc No: N98-136555
Videophone for video conferencing and telephony - includes monitor and camera **interface coupled to first channel with telephony module coupled to second channel and video access device also coupled to first channel**
Patent Assignee: MOTOROLA INC (MOTI)
Inventor: BURKE T M; NEWLIN D; NEWLIN D J; BURKE T; BURKE T J
Number of Countries: 007 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2318021	A	19980408	GB 9720970	A	19971002	199816	B
WO 9815124	A1	19980409	WO 97US17870	A	19971001	199821	
DE 19744056	A1	19980604	DE 1044056	A	19971006	199828	
AU 9748070	A	19980424	AU 9748070	A	19971001	199835	
BR 9706810	A	19990831	BR 976810	A	19971001	200002	
			WO 97US17870	A	19971001		
CN 1244991	A	20000216	CN 97191367	A	19971001	200027	N
			WO 97US17870	A	19971001		

Priority Applications (No Type Date): US 96726329 A 19961003; CN 97191367 A 19971001
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2318021	A		78	H04N-007/14	
BR 9706810	A			H04N-007/14	Based on patent WO 9815124
WO 9815124	A1	E	79	H04N-007/14	
Designated States (National): AU BR CN ID RU					
AU 9748070	A			H04N-007/14	Based on patent WO 9815124
CN 1244991	A			H04N-007/14	
DE 19744056	A1			H04N-007/14	

... **includes monitor and** camera **interface coupled to first channel with telephony module coupled to second channel and video access...**

...Abstract (Basic): The videophone includes a **video** monitor coupled to a first **communication** channel. A **camera** interface is also coupled to the first channel. A video **camera** is coupled to the **camera** interface. A telephony module is coupled to a second communications

channel...

...first communication channel receiving a protocol signal and transmission of a second protocol signal. A **radio frequency** modulator converts a baseband output video signal into a **RF** output video signal. Demodulators convert **RF** input video signals into baseband input video signals. A user interface receives a first control signal. A processor coupled to the network interface, **RF** modulator, demodulators and user interface converts the received protocol signal to the baseband output video...

...ADVANTAGE - Provides protocol independent video conferencing. Allows combination of video **signal** from multiple **locations** into combined **signal** for transmission or looping back to user premises. Provides multiple sessions which can originate from...

...Title Terms: **CAMERA** ;

20/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

008880326 **Image available**

WPI Acc No: 1992-007597/199201

Related WPI Acc No: 1992-097002; 1995-254609; 1996-020080; 1996-251252; 1996-497103; 1996-505602; 1997-010695; 1997-010696

XRPX Acc No: N92-005792

Remote tracking system for moving picture cameras **- uses detection of scanned infrared** signal **to determine** location **of remote unit which transmits** RF **signal**

Patent Assignee: PARKERVISION INC (PARK-N)

Inventor: DABER R P; MIX J D; PARKER J L; SORRELS D F; SORRELLS D F

Number of Countries: 019 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9119165	A	19911212				199201 B
AU 9181909	A	19911231				199215
EP 532694	A1	19930324	EP 91913444	A	19910531	199312
			WO 91US3859	A	19910531	
JP 5507833	W	19931104	JP 91512273	A	19910531	199349
			WO 91US3859	A	19910531	
US 5268734	A	19931207	US 90530999	A	19900531	199350
AU 656324	B	19950202	AU 9181909	A	19910531	199513
EP 532694	A4	19940824	EP 91913444	A		199533
US 5465144	A	19951107	US 90530999	A	19900531	199550
			US 93116462	A	19930903	
			US 94326069	A	19941019	
EP 532694	B1	19970723	EP 91913444	A	19910531	199734
			WO 91US3859	A	19910531	
DE 69126979	E	19970828	DE 626979	A	19910531	199740
			EP 91913444	A	19910531	
			WO 91US3859	A	19910531	
CA 2084201	C	19971111	CA 2084201	A	19910531	199806
JP 3120858	B2	20001225	JP 91512273	A	19910531	200102
			WO 91US3859	A	19910531	

Priority Applications (No Type Date): US 90530999 A 19900531; US 93116462 A 19930903; US 94326069 A 19941019

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9119165	A		42		
Designated States (National): AU CA JP					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL OA SE					
EP 532694	A1	E		G01C-003/00	Based on patent WO 9119165
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE					
JP 5507833	W			H04N-005/232	Based on patent WO 9119165
US 5268734	A		30	G01B-011/26	
AU 656324	B			G01C-001/00	Previous Publ. patent AU 9181909 Based on patent WO 9119165
US 5465144	A		23	G01B-011/26	Div ex application US 90530999 Cont of application US 93116462 Div ex patent US 5268734
EP 532694	B1	E	25	G01C-003/00	Based on patent WO 9119165
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE					
DE 69126979	E			G01C-003/00	Based on patent EP 532694 Based on patent WO 9119165
CA 2084201	C			G01S-017/66	
JP 3120858	B2		20	G01B-011/26	Previous Publ. patent JP 5507833 Based on patent WO 9119165

Remote tracking system for moving picture cameras - ...

...**uses detection of scanned infrared** signal **to determine** location **of remote unit which transmits** RF **signal**

...Abstract (Basic): when the peak strength of the signal (13) occurs and provides this data via an **RF** signal (14) to the base unit wherein the exact effective angle between the axis of...

...remote unit (12) creates an error signal used by the base unit to position the **camera** mounted thereon...

...Abstract (Equivalent): A method of tracking an object with a **camera** (15) by means of a tracking system in which the area in which the object...

...beam for returning a signal to the tracking system which controls the movement of the **camera** (15) characterised by...

...irradiation of said object, and using the difference to automatically control the positioning of the **camera** (15) relative to the object...

...Abstract (Equivalent): detects when the peak strength of the signal occurs and provides these data via a **RF** signal to the base unit where the exact effective angle between the axis of the...

...remote unit creates an error signal used by the base unit to position the mounted **camera** . Transmitters for TILT and two PAN positions are used to include range calculations for ZOOM...

...calculating the angular displacement of one object with respect to a reference position in a **camera** control system comprising the steps of ...

...A. scanning an area containing the object with a first transmitted **signal** from a **location** having a continuous infrared energy source by varying the position of the signal through the...

...G. controlling the **camera** control system in response to the angular

23/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

07839140 **Image available**
VIDEO CONVERSATION SYSTEM

PUB. NO.: 2003-333558 [JP 2003333558 A]
PUBLISHED: November 21, 2003 (20031121)
INVENTOR(s): NAKAMURA TOMOHIKO
HIRAKAWA YUTAKA
YUHITO MITSUHIRO
SAITO TAKAFUMI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.: 2002-140817 [JP 2002140817]
FILED: May 15, 2002 (20020515)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a **video** conversation system wherein a server **transmits** a real time **video image photographed** by a **camera** **transmits** a user terminal via a network such as the Internet and which enables the terminal...

... via the network is provided with: a means for receiving a video image from a **camera** for photographing a real time video image; a means for receiving voice of a person being the object; a **means** for **identifying** the person of the object and detecting the position; and a means for segmenting an...

23/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO

06589374 **Image available**
VIDEO TELEPHONE SYSTEM

PUB. NO.: 2000-175167 [JP 2000175167 A]
PUBLISHED: June 23, 2000 (20000623)
INVENTOR(s): NAKA YUTAKA
APPLICANT(s): FUNAI ELECTRIC CO LTD
APPL. NO.: 10-341426 [JP 98341426]
FILED: December 01, 1998 (19981201)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an inexpensive **video** telephone **system** that **transmits** an **identification** code that denotes a **photographed** **image** and a background image to be synthesized with the photographed image without transmitting a synthesized...

...stored in advance.

SOLUTION: The video telephone system 1 uses a transmission section 14 to **transmit** an identification code that identifies a **photographed image** photographed by a **camera** 11 from a frame **image** . In the case of reception, the **transmitted photographed image** is synthesized with the

background **image** identified by the received identification code and a display section 7 displays the synthesized **image** . That is, since the **transmitter** side does not **transmit** the synthesized **image** between the **photographed image** and the background image, an image memory to store the synthesized image between the photographed...

23/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

06209173 **Image available**
VIDEO CODING DEVICE, **VIDEO** CODING/ **TRANSMITTING** DEVICE AND **VIDEO** DECODING DEVICE

PUB. NO.: 11-150732 [JP 11150732 A]
PUBLISHED: June 02, 1999 (19990602)
INVENTOR(s): YOKOTA HIROSHI
MIYANO TETSUO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 09-314789 [JP 97314789]
FILED: November 17, 1997 (19971117)

VIDEO CODING DEVICE, **VIDEO** CODING/ **TRANSMITTING** DEVICE AND **VIDEO** DECODING DEVICE

ABSTRACT

... use an inter-frame coding in the case of selecting a video signal of monitor **cameras** installed at pluralities of positions, application of a high efficiency coding to the signal and...

...of the coded signal.
SOLUTION: This video coding device is provided with a video source **identifier** detection **means** 12, which detects a **camera** number from an input video signal. A coding means 14 extracts video data tentatively stored in a video buffer 13 via an entry means 11 based on a video source **identifier** detected by the **means** 12. Then the means 14 collects frame data with a same **camera** number and applies an inter-frame coding to the data. A transmission means 15 multiplexes the coded **video** signals and the **video** source identifier and **transmits** the resulting data.

23/3,K/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO

05707336 **Image available**
IMAGE TRANSMITTER

PUB. NO.: 09-322136 [JP 9322136 A]
PUBLISHED: December 12, 1997 (19971212)
INVENTOR(s): IZUMI KAZUYOSHI
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-134843 [JP 96134843]
FILED: May 29, 1996 (19960529)

IMAGE TRANSMITTER

ABSTRACT

... a specific talker making a speech at present among a plurality of talkers in the **image transmitter** for a **video** conference system or the like...

...SOLUTION: The **image transmitter** having a **communication** control section making **communication** through the use of a telephone line, a digital signal processing section 5 compressing/expanding **communication** data, a **video** signal processing section 4 displaying a sent image or a received image, and a **camera** section 1 used for an input section of a transmission image and driven vertically and horizontally is provided with an image recognition **means identifying** image data from the **camera** section and the image recognition means applies recognition processing to the image data from the **camera** to specify one talker among a plurality of talkers so as to move the **camera** automatically in a direction of the specific talker.

23/3,K/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05693079 **Image available**
RADIO SUPERVISORY SYSTEM

PUB. NO.: 09-307879 [JP 9307879 A]
PUBLISHED: November 28, 1997 (19971128)
INVENTOR(s): NUMAGAMI KOICHI
APPLICANT(s): FUJITSU GENERAL LTD [000661] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-124250 [JP 96124250]
FILED: May 20, 1996 (19960520)

ABSTRACT

...SOLUTION: Each transmission station samples an analog video signal from a **camera** 1 to convert it into a digital signal, the signal is compressed and the resulting...

... 4 reads stored video data according to a timing predetermined in the transmission station and **sends** the read **video** data to a reception station via a transmission **means** . A transmission **identification** code to specify the transmission station is added to the **video** data. Furthermore, the **transmission** timing is assigned in advance to each transmission station in the order and a plurality of the **transmission** stations **send** the **video** data sequentially one by one station. The transmission timing is managed based on a clock...

23/3,K/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

02526089 **Image available**
RADIO CARRYING TYPE VIDEO MONITORING DEVICE

PUB. NO.: 63-142989 [JP 63142989 A]
PUBLISHED: June 15, 1988 (19880615)
INVENTOR(s): HOSHINO HIDEAKI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-291044 [JP 86291044]
FILED: December 05, 1986 (19861205)
JOURNAL: Section: E, Section No. 674, Vol. 12, No. 403, Pg. 30, October 26, 1988 (19881026)

ABSTRACT

... To prevent a malfunction between devices mutually from being generated and to improve reliability, by **transmitting** the **video** output of a **transmission** side image pickup part on which a code signal set in advance is superposed to...

...CONSTITUTION: A video signal photographed with a **video camera** 1 in a **video transmitter** 6, is multiplexed by a system discrimination code 13 set at every device on a...

... signal, and converted to a high frequency signal and emitted to the space via a **transmission** antenna 3. The **video** signal 12 on which the system discrimination code is superposed is sent to a **system** discrimination code **identifying** part 10. At this part, the system discrimination code multiplexed on the part 13 of...

23/3,K/7 (Item 1 from file: 350)

017160758 **Image available**
WPI Acc No: 2005-485103/200549
XRPX Acc No: N05-395054

Video data recording system for teleconference system, transmits **management** identification **data of** video **data to** video camera **system, and** transmits **recording completion signal along with identification data to server**

Patent Assignee: RICOH KK (RICO)
Inventor: AOKI S; MURATA N
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2005198231	A	20050721	JP 2004142711	A	20040512	200549	B

Priority Applications (No Type Date): JP 2003414840 A 20031212
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2005198231	A		48	H04N-005/76	

Video data recording system for teleconference system, transmits **management** identification **data of** video **data to** video camera **system, and** transmits **recording completion signal along with identification data to server**

Abstract (Basic):

... A management server (10) manages video data recording of the **video camera** systems (1,2). The **camera** system **transmits** a

recording start signal with group identification (ID) data to the server. The server refers the operation situation of the **camera** system, and transmits a management ID to the **camera** system. A recording completion signal with the management ID, is transmitted from the **camera** system to the server.

... For managing recording of video data indicating actions of person in lecture meeting, using **camera** system installed in conference rooms through local area network (LAN), for teleconference system...

... **camera** systems (1,2
...Title Terms: **CAMERA** ;

23/3,K/8 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016064191
WPI Acc No: 2004-222042/200421
Security system for the serial transmission **of the digital** video **signal**
Patent Assignee: ITRONICS CO LTD (ITRO-N)
Inventor: PARK H S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 405911	B	20031114	KR 200263969	A	20021018	200421	B

Priority Applications (No Type Date): KR 200263969 A 20021018
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 405911	B			H04N-007/18	

Security system for the serial transmission **of the digital** video **signal**

Abstract (Basic):
... This system will save the production cost by serially-**transmitting** the digital **video** data in which the security data is inserted, which not only prevents tampering and loss...

...the security system but also simplifies the signal-processing step. This security system with the **camera** features the followings: multiple video signals are captured by **camera** means and converted to the digital video signals; the security data is inserted into the blanking interval of the digital video signal in order to **identify** the specific **camera means** ; the multiple digital video signals with the security data are converted to the serial digital **video** signals and **transmits** them to a receiver through the cable continuously; the receiver receives the converted serial digital...

...digital video signal; the extracted security data is confirmed that it corresponds to the specific **camera** means.

23/3,K/9 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015931813 **Image available**
WPI Acc No: 2004-089654/200409
XRPX Acc No: N04-071826

Digital video device **in digital television**, identifies **pixel location associated with video block in search space, based on calculated motion vectors associated with set of video blocks**

Patent Assignee: QUALCOMM INC (QUAL-N); CHANG C (CHAN-I); JALIL S (JALI-I); MALAYATH N (MALA-I)
Inventor: CHANG C; JALIL S; MALAYATH N
Number of Countries: 106 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030231712	A1	20031218	US 2002176028	A	20020618	200409 B
WO 2003107680	A2	20031224	WO 2003US19400	A	20030618	200409
AU 2003238294	A1	20031231	AU 2003238294	A	20030618	200451
EP 1514424	A2	20050316	EP 2003737191	A	20030618	200519
			WO 2003US19400	A	20030618	
KR 2005012794	A	20050202	KR 2004720373	A	20041215	200540
JP 2005530421	W	20051006	WO 2003US19400	A	20030618	200566
			JP 2004514352	A	20030618	
TW 200402236	A	20040201	TW 2003115408	A	20030606	200568

Priority Applications (No Type Date): US 2002176028 A 20020618
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030231712	A1		26	H04N-007/12	
WO 2003107680	A2	E		H04N-007/26	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2003238294	A1			H04N-007/26	Based on patent WO 2003107680
EP 1514424	A2	E		H04N-007/26	Based on patent WO 2003107680

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

KR 2005012794	A			H04N-007/26	
JP 2005530421	W		32	H04N-007/32	Based on patent WO 2003107680
TW 200402236	A			H04N-007/26	

Digital video device **in digital television**, identifies **pixel location associated with video block in search space, based on calculated motion vectors associated**...

Abstract (Basic):

... routine is initialized for the current video block at the identified pixel location. The encoded **video** frame is **transmitted** after encoding, using **trans**mitter (14).

... For encoding digital **video** in digital television, digital direct **broadcast** system, wireless communication device, personal digital assistant (PDA), digital **camera** , laptop computer, desktop computer, digital recording device, cellular and satellite radio telephone...

23/3,K/10 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015816402 **Image available**
WPI Acc No: 2003-878605/200382
XRPX Acc No: N03-701227
Device **for** identifying **connection of digital** camera **and earphone in mobile communication terminal**
Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)
Inventor: KIM D S; KIM D
Number of Countries: 003 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1444416	A	20030924	CN 2003106884	A	20030306	200382 B
KR 2003073596	A	20030919	KR 200213241	A	20020312	200439
US 20040204081	A1	20041014	US 2003335723	A	20030102	200468

Priority Applications (No Type Date): KR 200213241 A 20020312
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1444416	A			H04Q-007/32	
KR 2003073596	A		1	H04B-001/40	
US 20040204081	A1			H04M-001/00	

Device **for** identifying **connection of digital** camera **and earphone in mobile communication terminal**

Abstract (Basic):
... An apparatus and method for recognizing the connection of a digital **camera** or an ear-microphone in a mobile terminal is provided to judge and recognize a digital **camera** or an ear-microphone connected through an identical jack connection part in a mobile terminal.
... the microphone of an ear-microphone, receives voice data through the microphone or outputs the **video transmit** data to be **transmitted** to a digital **camera** from a mobile terminal. The second data terminal(43), connected to the ear speaker of...

...terminal or inputs the video receive data received to the mobile terminal from the digital **camera** .

...Title Terms: **CAMERA** ;

23/3,K/11 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014294168 **Image available**
WPI Acc No: 2002-114871/200216
Related WPI Acc No: 1999-471392; 1999-572371; 1999-572372; 2000-039700; 2000-284018; 2000-284019; 2000-587826; 2000-628527; 2000-628540; 2000-647741; 2001-050216; 2001-071647; 2001-227027; 2001-308864; 2001-536856; 2001-550323; 2002-206592; 2002-316240; 2002-577550; 2002-591593; 2003-240161; 2003-257346; 2003-314121; 2003-627964; 2003-768431; 2003-801068
XRPX Acc No: N02-085646
Implantable imaging system has light sensitive CMOS imaging sensor array,

power source and video picture **signal** transmitter **for implanting in body such as person's tooth or eye socket**

Patent Assignee: MANN S (MANN-I); MANN W S G (MANN-I)
Inventor: MANN S; MANN W S G
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2313693	A1	20010128	CA 2313693	A	20000719	200216 B
US 6446862	B1	20020910	US 99480929	A	19991231	200263

Priority Applications (No Type Date): US 99480930 A 19991231; CA 2280022 A 19990728; CA 2280420 A 19990812; CA 2280425 A 19990816; US 99421937 A 19991021; US 99421938 A 19991021; US 99422559 A 19991021; US 99422790 A 19991022; US 99422791 A 19991022; US 99422795 A 19991022; US 99480929 A 19991231

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2313693	A1	E	31	A61F-002/14	
US 6446862	B1			G06K-005/00	

Implantable imaging system has light sensitive CMOS imaging sensor array, power source and video picture **signal** transmitter **for implanting in body such as person's tooth or eye socket**

Abstract (Basic):

... array, a power source such as an inductive pickup coil and rectification circuit and a **video picture** signal **transmitter** for implanting in a body. The light sensitive system receives power from the power source and the **picture** signal **transmitter** receives an input from the light sensitive system. An aremac (140D) displays pictures to a user of the implantable system. A picture receiver (140R) receives **pictures** from the **picture** signal **transmitter** .

... mouth movement, e.g. when the user smiles. INDEPENDENT CLAIMS are included for a crosseye **camera** and a procedure for installing the eye implant personal imaging system...

...Personal imaging system or implantable **camera** implantable in tooth, artificial eye or occular implant, e.g. for use in personal safety **device** to **identify** thief or attacker, or for capturing point of eye documentary of sporting events such as...

23/3,K/12 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

013399081 **Image available**
WPI Acc No: 2000-571019/200053
Related WPI Acc No: 1995-123563; 1997-258510; 1997-535259; 1998-052526; 1998-260774; 2000-245950; 2002-024768; 2002-265931; 2003-110986
XRPX Acc No: N00-422351

Image processor for electronic display used in navigation system, processes output of camera **and image selected from database using position information to generate augmented image**

Patent Assignee: GEOVECTOR CORP (GEOV-N)
Inventor: ELLENBY J; ELLENBY P M; ELLENBY T W; MCGUIRE K E B
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6064398	A	20000516	US 93119360	A	19930910	200053 B
			US 94307360	A	19940914	
			US 94335912	A	19941108	
			US 94335940	A	19941108	
			US 94355710	A	19941214	
			US 95411299	A	19950327	
			US 95480689	A	19950607	
			US 95482943	A	19950607	
			US 95571096	A	19951212	
			US 96691784	A	19960802	

Priority Applications (No Type Date): US 96691784 A 19960802; US 93119360 A 19930910; US 94307360 A 19940914; US 94335912 A 19941108; US 94335940 A 19941108; US 94355710 A 19941214; US 95411299 A 19950327; US 95480689 A 19950607; US 95482943 A 19950607; US 95571096 A 19951212

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6064398	A		9	G06F-015/00	CIP of application US 93119360
					CIP of application US 94307360
					CIP of application US 94335912
					CIP of application US 94335940
					CIP of application US 94355710
					CIP of application US 95411299
					CIP of application US 95480689
					CIP of application US 95482943
					CIP of application US 95571096
					CIP of patent US 5625765
					CIP of patent US 5682332

Image processor for electronic display used in navigation system, processes output of camera **and image selected from database using position information to generate augmented image**

Abstract (Basic):

... A zoom **video** bus (106) **transmits** digital **image** of real world scene picked by **camera** (102) to data processor (110). A GPS device determines approximate 3D position of **camera** using which real world scene is selected from geographic information system database (130). The **camera** output and selected image are processed to form augmented image.

... A video interface chipset (104) converts the format of output from **camera** before input to processor (110). The attitude information of the **camera** is obtained using tri-axial mangnetometer...

...For binoculars, navigation system for use in ship, plane, vehicles under adverse visual environment object **identification system** for advanced image augmentation application. For virtual reality systems for training such as for aircraft...

... **Camera** (102

...Title Terms: **CAMERA** ;

23/3,K/13 (Item 7 from file: 350)

013016862 **Image available**
WPI Acc No: 2000-188713/200017
XRPX Acc No: N00-140222
Information transmission system includes receiver which transmits identification signal of selected transmitting apparatus using which video signal is transmitted after frequency modulation
Patent Assignee: HITACHI DENSHI LTD (HITN)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000032439	A	20000128	JP 98194594	A	1998070	200017 B

Priority Applications (No Type Date): JP 98194594 A 19980709
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000032439	A		5	H04N-007/18	

Information transmission system includes receiver which transmits identification signal of selected transmitting apparatus using which video signal is transmitted after frequency modulation
...Abstract (Basic): NOVELTY - The frequency bands of **video** signal **transmission** used by several transmitting apparatuses (2-1,2-2) are combined. The identification signal of a selected transmitting apparatus is transmitted from a receiver (3), using which the **apparatus** is **identified** . The **video** signal is frequency modulated and **transmitted** .
...
...USE - For wireless information transmission system such as TV **camera** system

23/3,K/14 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011674875 **Image available**
WPI Acc No: 1998-091784/199809
XRPX Acc No: N98-073017
Office service monitoring method for e.g. bank - involves sending message, corresponding to obtained identification data for callings displayed in office service monitoring apparatus, to data apparatus via transmission line
Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9319539	A	19971212	JP 96133738	A	19960528	199809 B
JP 3245533	B2	20020115	JP 96133738	A	19960528	200206

Priority Applications (No Type Date): JP 96133738 A 19960528
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9319539	A		12	G06F-003/14	
JP 3245533	B2		12	G06F-003/00	Previous Publ. patent JP 9319539

...Abstract (Basic): The method involves taking a video of the office to be monitored with a **video camera** . The **video** is **transmitted** and

displayed on an office service monitoring apparatus installed in the left side of the...

...flow of customers, are monitored with the display video. The display position of several data **apparatus** and the **identification** data for the callings which exist in the office are matched and registered in a ...

23/3,K/15 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010153237
WPI Acc No: 1995-054489/199508
XRPX Acc No: N95-042794
Mobile landscape recording unit e.g. for crime monitoring - has video camera and computer for frequent landscape recording permitting distinction between normal and incident circumstances for identification of vehicle used in incident
Patent Assignee: FURS E D (FURS-I)
Inventor: FURS E D
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2280565	A	19950201	GB 9315649	A	19930729	199508	B
GB 2280565	B	19970521	GB 9315649	A	19930729	199723	

Priority Applications (No Type Date): GB 9315649 A 19930729
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2280565	A		28	H04N-007/18	
GB 2280565	B			H04N-007/18	

... **has video** camera **and computer for frequent landscape recording permitting distinction between normal and incident circumstances for identification**...

...Abstract (Basic): The unit has a carried or central computer, programmed logiciel instrument, storage discs, data **transmission** appts monitors and **video cameras** . The logiciel instrument continuously reads sequences of **video camera** views, from a **moving** vehicle, which are being taken of landscapes, while continuously referring to a bank of previously...
...Abstract (Equivalent): logical instrument, computer storage discs, data transmission equipment, incident monitor viewing screens, and carried video **cameras** , for mobile unit patrol application or operation throughout large areas, including towns and cities, by...

...a very high percentage of all types of crime, and that continuous filming by video **cameras** of street scenes and motorways provides a **means** of **identification** of criminals and of the road transport that they use; and based upon the consideration...

...combination of equipments, and by their proper component coordination; this component coordination being, dispersed video **cameras** , a means of **camera** dispersion, the prepared logiciel instrument operating within a computer, and an automatically referred to electronic landscape view comparison reference library, suitable **video** data

transmission equipment, suitable computer equipment, and suitable screen viewing equipment...
...Title Terms: **CAMERA** ;

23/3,K/16 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010043444 **Image available**
WPI Acc No: 1994-311155/199439
XRPX Acc No: N94-244948
Road user toll device testing system - has IR transceiver on vehicle, IR transmitter **at toll station,** video camera **, and detects and records vehicles which have not paid toll**
Patent Assignee: SIEMENS AG (SIEI)
Inventor: HERING B; WENTER P
Number of Countries: 012 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 4310579	A1	19941006	DE 4310579	A	19930331	199439	B
EP 625767	A2	19941123	EP 94103617	A	19940309	199445	
JP 7014037	A	19950117	JP 9483675	A	19940331	199512	
EP 625767	A3	19951108	EP 94103617	A	19940309	199617	
EP 625767	B1	20000830	EP 94103617	A	19940309	200042	
DE 59409502	G	20001005	DE 509502	A	19940309	200051	
			EP 94103617	A	19940309		

Priority Applications (No Type Date): DE 4310579 A 19930331
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4310579	A1		6	G07B-015/00	
EP 625767	A2	G	7	G07B-015/00	
Designated States (Regional): AT BE CH DE DK GB GR IT LI LU NL					
JP 7014037	A		5	G07B-015/00	
EP 625767	A3			G07B-015/00	
EP 625767	B1	G		G07B-015/00	
Designated States (Regional): AT BE CH DE DK GB GR IT LI LU NL					
DE 59409502	G			G07B-015/00	Based on patent EP 625767

... **has IR transceiver on vehicle, IR** transmitter **at toll station,** video camera **, and detects and records vehicles which have not paid toll**

...Abstract (Basic): record non-payers. The cancelling stations include IR light transmitters. A IR light sensitive video **camera** is included for additional monitoring. The supervision units (KON) are hand-held...

...USE/ADVANTAGE- Automatic toll detection **system** . Simple **identification** and registration of correct vehicle...
...Title Terms: **CAMERA** ;

23/3,K/17 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009873228 **Image available**

WPI Acc No: 1994-153141/199419
XRPX Acc No: N94-120296

Identifying pipe inside heat exchanger of PWR power plant - using device with mobile carriage on which video camera **on rotating support is placed and which is connected to control panel via remote control module**

Patent Assignee: ELECTRICITE DE FRANCE (ELEC)
Inventor: CERS P; GARNERO M; GOULETTE F; POT J; TROUVILLE B
Number of Countries: 017 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 596793	A1	19940511	EP 93402688	A	19931102	199419 B
FR 2697632	A1	19940506	FR 9213155	A	19921103	199421
EP 596793	B1	19970402	EP 93402688	A	19931102	199718
DE 69309394	E	19970507	DE 609394	A	19931102	199724
			EP 93402688	A	19931102	

Priority Applications (No Type Date): FR 9213155 A 19921103
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 596793	A1	F	10	G01M-003/38	
Designated States (Regional): AT BE CH DE DK ES GB GR IE IT LI LU MC NL PT SE					
EP 596793	B1	F	12	G01M-003/38	
Designated States (Regional): AT BE CH DE DK ES GB GR IE IT LI LU MC NL PT SE					
DE 69309394	E			G01M-003/38	Based on patent EP 596793
FR 2697632	A1			G01M-003/38	

... **using device with mobile carriage on which video** camera **on rotating support is placed and which is connected to control panel via remote control**...

...Abstract (Basic): A **device** for **identifying** a faulty pipe includes a mobile carriage (12) placed on the bottom of a vapour...

...linked into a control panel (17) with a display monitor. The carriage supports a video **camera** (20) with a variable objective (21) and a light source (22...

...A rotating support (24), on which the **camera** is placed, helps positioning the device. The signal from the **video camera** is **transmitted** to the control module. The signal is digitised and the image is displayed on the monitor while the position of the **camera** is calculated...

...Abstract (Equivalent): to be deposited at the bottom of this water box, and in which: a mobile **camera** (20), an illumination device (22) providing sufficient luminosity for photographing, a mobile device (23) for...

...luminous index, which is arranged outside the water box (10); characterized in that the video **camera** (20) is motorized about two rotation axes AA' and BB', one being dependent on the...

...of these axes so as to make it possible to know the position of the **camera** ; in that the projection device (23) projects the luminous index onto the surface of the...

...control unit (14) makes it possible to control the photographing

parameters, the position of the **camera** , which is given by the absolute sensors, the illumination and the luminous index or indices...
...Title Terms: **CAMERA** ;

23/3,K/18 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009489199 **Image available**
WPI Acc No: 1993-182734/199322
Related WPI Acc No: 1994-332741
XRPX Acc No: N93-140452
Portable fingerprint apparatus **for** identification **verification - has wireless transmission of prints to central location by prism to receive images from contact surface**
Patent Assignee: DIGITAL BIOMETRICS INC (DIGI-N)
Inventor: FISHBINE G M; WITHOFF R J
Number of Countries: 038 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9310508	A1	19930527	WO 92US9998	A	19921117	199322	B
US 5222152	A	19930622	US 91794476	A	19911119	199326	
AU 9331797	A	19930615	AU 9331797	A	19921117	199340	
EP 613576	A1	19940907	WO 92US9998	A	19921117	199434	
			EP 93900565	A	19921117		
JP 7501166	W	19950202	WO 92US9998	A	19921117	199514	
			JP 93509529	A	19921117		
AU 659979	B	19950601	AU 9331797	A	19921117	199530	
EP 613576	B1	19960612	WO 92US9998	A	19921117	199628	
			EP 93900565	A	19921117		
DE 69211564	E	19960718	DE 611564	A	19921117	199634	
			WO 92US9998	A	19921117		
			EP 93900565	A	19921117		

Priority Applications (No Type Date): US 91794476 A 19911119
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9310508	A1	E	14	G06K-009/00	
Designated States (National): AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO PL RO RU SD SE					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA SE					
US 5222152	A		7	G06K-009/00	
AU 9331797	A			G06K-009/00	Based on patent WO 9310508
EP 613576	A1	E	1	G06K-009/00	Based on patent WO 9310508
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL SE					
JP 7501166	W		1	G06T-001/00	Based on patent WO 9310508
AU 659979	B			G06K-009/00	Previous Publ. patent AU 9331797
					Based on patent WO 9310508
EP 613576	B1	E	9	G06K-009/00	Based on patent WO 9310508
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL SE					
DE 69211564	E			G06K-009/00	Based on patent EP 613576
					Based on patent WO 9310508

Portable fingerprint apparatus **for** identification **verification**...

...Abstract (Basic): The portable **identification** verification **apparatus** (10) is used optically capture fingerprint images and has a fingerprint scanner (12), **video camera** (20), **video** monitor (26), and **transmitter** (30) all interfaced to a terminal (28) with a keyboard. The scanner has a finger...

...imaged by the image recorder using a lens and shutter and are displayed on the **video** monitor and **transmitted** to a mobile unit for further processing...

...The video **camera** generates an **image** of the person being fingerprinted and is **transmitted** for viewing or recording. The finger prism uses total internal reflection and has a planar...

...Abstract (Equivalent): A portable **apparatus** for **identification** verification, comprising: fingerprint scanning means (12) for capturing live scan fingerprint images, wherein the scanning...

...propagating the fingerprint image and recording means (18) for capturing the propagated fingerprint image; video **camera** means (20) for obtaining a video image of the person being fingerprinted; video monitor means...

...captured fingerprint image; and terminal means (28), connected to said fingerprint scanning means, said video **camera** means and said video monitor means, for selecting the image to be viewed...

...Abstract (Equivalent): The device includes a fingerprint scanner and a wireless **transmitter** to **transmit** the fingerprint **image** to a mobile unit...

...The device can also include a video **camera** to capture a photographic image or mug shot for wireless transmission to a mobile unit...

...USE - A portable fingerprint scanning **device** for **identification** verification which can optically scan and record fingerprint **images** in the field and wirelessly **transmit** the **images** to a mobile unit for processing and subsequent wireless transmission to a central location for...

23/3,K/19 (Item 13 from file: 350)

007338025
WPI Acc No: 1987-335031/198747
XRPX Acc No: N87-250808

Finding and identifying appts. for image of car license plate - analyses digitised video image using state identifier as check to extract characters

Patent Assignee: PERCEPTICS CORP (PERC-N)
Inventor: GONZALEZ R C; HERRERA J A
Number of Countries: 013 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 8707057	A	19871119	WO 87US1077	A	19870504	198747	B
EP 310611	A	19890412	EP 87903594	A	19870504	198915	
US 4817166	A	19890328	US 86859639	A	19860505	198915	
JP 1502371	W	19890817	JP 87503318	A	19870504	198939	

EP 310611	B1	19951122	EP 87903594	A	19870504	199551
			WO 87US1077	A	19870504	
JP 7302304	A	19951114	JP 87503318	A	19870504	199603
			JP 9561161	A	19870504	
DE 3751612	G	19960104	DE 3751612	A	19870504	199606
			EP 87903594	A	19870504	
			WO 87US1077	A	19870504	

Priority Applications (No Type Date): US 86859639 A 19860505
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8707057	A	E	34		
Designated States (National): JP					
Designated States (Regional): AT BE CH DE FR GB IT LU NL SE					
EP 310611	A	E			
Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE					
US 4817166	A		13		
EP 310611	B1	E	21	G06K-009/00	Based on patent WO 8707057
Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE					
JP 7302304	A		1	G06K-009/20	Div ex application JP 87503318
DE 3751612	G			G06K-009/00	Based on patent EP 310611
					Based on patent WO 8707057

...Abstract (Basic): An image subsystem (18) operates with a processing subsystem (20). A video **camera** (22) is focussed so as to capture the plate image when the car is detected...

...The **image** is **transmitted** to the **video** input module (42) where it is digitised and sent via a data bus (44) for...
...Abstract (Equivalent): An **apparatus** for finding and **identifying** an image of a license plate (14) of a predetermined class that is mounted on...
...Abstract (Equivalent): A video **camera** produces an image of a license plate on a vehicle, and a scanning apparatus finds...

23/3,K/20 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

003983120
WPI Acc No: 1984-128664/198421
XRPX Acc No: N84-095217
Image display system for photographic print machine - presents twelve sequentially memorised images for simultaneous observation on display screen array
Patent Assignee: KONISHIROKU PHOTO IND CO LTD (KONS)
Inventor: AMANO T
Number of Countries: 006 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 108158	A	19840516	EP 82110179	A	19821104	198421	B
US 4531150	A	19850723	US 82439429	A	19821105	198532	
EP 108158	B	19880224				198808	
DE 3278143	G	19880331				198814	

Priority Applications (No Type Date): EP 82110179 A 19821104; US 82439429 A 19821105
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 108158	A	E	25		
Designated States (Regional): CH DE FR GB LI					
EP 108158	B	E			
Designated States (Regional): CH DE FR GB LI					

...Abstract (Basic): are sequentially joined together by adhesive tape to form a long continuous roll. The video **camera** (21) scans the images on the continuous roll of film (20) with the **video** signal being **transmitted** through an **image** processing circuit (23) in which an image reproduction level is set...

...Abstract (Equivalent): automatic processing means, further including a memory means (24,25) for the inputted data and **means** for **identifying** the position of the images among the plurality of displayed images for which data input...

?

```
? show files; ds; save temp; logoff hold
File 348:EUROPEAN PATENTS 1978-2005/Nov W01
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051110,UT=20051103
         (c) 2005 WIPO/Univentio

Set     Items   Description
S1      12640   VIDEO(3N)TRANSMI?
S2      86244   CAMERA? ?
S3     647103   S PICTURE? ? OR IMAGE?? OR PICTURE?? OR JPEG?? OR PHOTO?? -
              OR GIF?? OR VIDEO OR PHOTOGRAPH??
S4     130050   S3(7N)(SEND??? OR TRANSFER??? OR FORWARD??? OR PASS??? OR -
              MOV??? OR TRANSMIT??? OR BROADCAST??? OR COMMUNICAT???)
S5     131285   RF OR RADIO()FREQUENC?
S6      67844   (IDENTIFICATION? ? OR IDENTIF?)(3N)(MEANS OR DEVICE? ? OR -
              SYSTEM? ?  OR APPARATUS? OR EQUIPMENT? ?)
S7       7130   DIRECTION?(3N)ANTENNA? ?
S8      27326   LOCAT?(3N)SIGNAL? ?
S9      14412   SERVO(3N)CONTROL?
S10         9   AU=(AUFFRET, E? OR AUFFRET E?)
S11     66250   IC=H04N?
S12         7   S11 AND S10
S13         6   S12 AND S2
S14      8319   S2(3N)S4
S15         2   S14(3N)S7
S16       377   S14(3N)S1
S17         4   S16(3N)S5
S18         3   S17 NOT (S13 OR S15)
S19         5   S14(3N)S6
S20         4   S19 NOT (S18 OR S13 OR S15)
S21         0   S16(3N)S7
S22         2   S14(3N)S7
S23         0   S22  NOT (S20 OR S18 OR S13 OR S15)
S24         9   S14(3N)S8
S25         9   S24  NOT (S20 OR S18 OR S13 OR S15)
S26         1   S14(3N)S9
```

13/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01578150
Wireless video camera
Drahtlose Videokamera
Camera **video sans fil**
PATENT ASSIGNEE:
Thomson Licensing S.A., (2880641), 46, quai A.Le Gallo, 92100 Boulogne-Billancourt, (FR), (Applicant designated States: all)
INVENTOR:
Auffret, Eric c/o Thomson Multimedia , 46, quai Alphonse le Gallo, 92648 Boulogne Billancourt Cedex, (FR)
Morel, Philippe c/o Thomson Multimedia, 46, quai Alphonse le Gallo, 92648 Boulogne-Billancourt Cedex, (FR)
Plessix, Jean Paul c/o Thomson Multimedia, 46, quai Alphonse le Gallo, 92648 Boulogne Billancourt Cedex, (FR
LEGAL REPRESENTATIVE:
Kohrs, Martin et al (88662), Thomson multimedia 46, quai A. Le Gallo, 92100 Boulogne-Billancourt, (FR)
PATENT (CC, No, Kind, Date): EP 1311082 A1 030514 (Basic)
APPLICATION (CC, No, Date): EP 2002019640 020903;
PRIORITY (CC, No, Date): FR 0112120 010917
DESIGNATED STATES: BE; DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04L-001/20; **H04N-005/28** ; **H04N-007/18**
ABSTRACT WORD COUNT: 92
NOTE:
Figure number on first page: 1 8

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200320	488
SPEC A	(English)	200320	2914
Total word count - document A			3402
Total word count - document B			0
Total word count - documents A + B			3402

Wireless video camera
Camera **video sans fil**
INVENTOR:
Auffret, Eric c/o Thomson Multimedia ...
...INTERNATIONAL PATENT CLASS: **H04N-005/28 ...**

... H04N-007/18

...ABSTRACT A1
The invention is a video **camera** system comprising a mobile video **camera** 1 and a base station 2. The **camera** 1 comprises means of acquiring images and means of radio transmission of the filmed images...

...means AGC, MER, BER and 500 for evaluating the quality of the transmission between the **camera** 1 and the base station 2, and display means 506 to 509 for displaying information...

wireless **camera** , this transmission is performed over the airwaves on a different carrier from that used by...

...safer transmission than for the image.
A return path reception circuit 505 placed in the **camera** 1 receives all the parameters and information which originate from the base station 2 and sends them to the various components of the **camera** 1. The reception quality ratio QR is sent to an indicator generation circuit 505 which...

...the reception quality ratio QR into each image of the video train filmed by the **camera** 1. A **camera** viewfinder 8 performs the displaying of the image with the inlaying of the indicator so that the cameraman can realize that the signal from the **camera** is decreasing in a critical manner and modifies its displacements accordingly so as to avoid... display with light-emitting diodes 509, placed near the screen of the viewfinder of the **camera** , enables the cameraman to see the transmission ratio. The light-emitting diodes may moreover take...

...CLAIMS A1
1. A video **camera** system comprising at least one mobile video **camera** (1) and at least one base station (2), the **camera** (1) comprising:
- means of acquiring images (101),
- means of radio transmission of the filmed images...

...AGC, MER, BER, 500) for continuously evaluating the quality of the image transmission between the **camera** (1) and the base station (2), and display means (501 to 503, 506 to 509...

...the images.
3. The system as claimed in either of claims 1 and 2, the **camera** (1) comprising image coding means (103) introducing redundant information with a view to an error...

...and 6, in which the base station (2) comprises a return path transmitter (504), the **camera** (1) comprising means of reception of this return path (505), wherein the information (QR) relating...

...quality of reception of the images is sent by the return path, and wherein the **camera** (1) comprises the display means.
8. The system as claimed in claim 7, wherein the...

...with the aid of a second colour when this ratio is wrong.
9. A video **camera** (1) comprising:
- image acquisition means (101),
- means of radio transmission (102 to 106) for transmitting the filmed images, wherein the **camera** (1) comprises means (506 to 509) for continuously displaying the quality of transmission of the images.

10. A base station (2) for at least one video **camera** comprising means of radio reception (107 to 111) for receiving images filmed by said **camera** , wherein the station (2) comprises means (AGC, MER, BER, 500) for continuously evaluating the quality of reception of the images originating from the **camera** .

13/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01343662

Device for video tranmission between a camera **and a control room**
Vorrichtung zur Videoubertragung zwischen einer Kamera und einem Regieraum
Dispositif de transmission video entre une camera **et une regie**

PATENT ASSIGNEE:
Thomson Broadcast Systems, (3290500), 46 quai Alphonse Le Gallo, 92100 Boulogne, (FR), (Applicant designated States: all)
INVENTOR:
Auffret, Eric , Thomson multimedia, 46, quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR
LEGAL REPRESENTATIVE:
Kohrs, Martin et al (88663), Thomson multimedia 46, quai A. Le Gallo, 92648 Boulogne Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 1148719 A1 011024 (Basic)
APPLICATION (CC, No, Date): EP 2001108123 010330;
PRIORITY (CC, No, Date): FR 005065 000414
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **H04N-005/28** ; **H04N-005/232**
ABSTRACT WORD COUNT: 93
NOTE:
Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200143	461
SPEC A	(English)	200143	3504
Total word count - document A			3965
Total word count - document B			0
Total word count - documents A + B			3965

Device for video tranmission between a camera **and a control room**
Dispositif de transmission video entre une camera **et une regie**

INVENTOR:
Auffret, Eric ...

INTERNATIONAL PATENT CLASS: **H04N-005/28** ...

... **H04N-005/232**

...ABSTRACT A1

The invention relates to a wireless **camera** system which comprises a **camera** 10 fitted with a transmitter 11 for sending images by radio frequency and a directional receiving antenna 12 for receiving the images from the transmitter 11. The **camera** 10 comprises an identification means which transmits a locating signal. The antenna 12 comprises a...

...and a servo-control means for directing the antenna at the transmitter 11 of the **camera** 10. The invention also relates to the **camera** 10 and the antenna 12 individually.

...SPECIFICATION A1

The invention relates to a device for video transmission between a **camera** and a control room. The invention lies in the domain of professional video **cameras** using wireless transmission.

device makes it possible to use...

...CLAIMS A1

1. Video transmission system comprising a **camera** (10) fitted with a transmitter (11) for sending images by radio frequency and a directional receiving antenna (12) for receiving the images from the transmitter (11), characterized in that the **camera** (10) comprises an identification means which transmits a locating signal,

and in that the antenna...

...and a servo-control means for directing the antenna at the transmitter (11) of the **camera** (10).

2. System according to Claim 1, characterized in that the identification means is an...

...to one of Claims 1 to 8, characterized in that the locating signal identifies a **camera** from amongst several **cameras** .

10. Video **camera** (10) comprising a transmitter (11) for sending images by radio frequency, characterized in that it comprises an identification means (14) which transmits a locating signal for locating the **camera** .
11. **Camera** according to Claim 10, characterized in that the identification means is an optical means.
12. **Camera** according to Claim 11, characterized in that the optical means is an emitter of visible light.
13. **Camera** according to Claim 11, characterized in that the optical means comprises an infrared emitter (14).
14. **Camera** according to one of Claims 10 to 13, characterized in that the locating signal identifies a **camera** from amongst several **cameras** .
15. Directional antenna (12) for receiving the images from the **camera** of one of Claims 8 to 10, characterized in that it comprises a locating means...

...and a servo-control means for directing the antenna at the transmitter (11) of the **camera** (10).

16. Antenna according to Claim 15, characterized in that the locating means (13) comprises...

13/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

01199058

Video camera **with a flat screen viewfinder**

Videokamera mit Flachbildschirmsucher

Camera **video avec viseur a ecran plat**

PATENT ASSIGNEE:

Thomson Broadcast Systems, (666055), 17, rue du Petit-Albi, 95800 Cergy-Pontoise, (FR), (Applicant designated States: all)

INVENTOR:

Auffret, Eric, Thomson Multimedia , 46, quai Alphonse Le Gallo, 92100 Boulogne-Billancourt, (FR

LEGAL REPRESENTATIVE:

Ruellan-Lemonnier, Brigitte et al (47345), THOMSON multimedia, Licensing and Intellectual Property, 46 Quai Alphonse Le Gallo, 92100 Boulogne

Billancourt, (FR)
PATENT (CC, No, Kind, Date): EP 1043888 A1 001011 (Basic)
APPLICATION (CC, No, Date): EP 400761 000320;
PRIORITY (CC, No, Date): FR 994334 990407
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **H04N-005/225** ; **H04N-005/232**
ABSTRACT WORD COUNT: 104
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200041	641
SPEC A	(English)	200041	2078
Total word count - document A			2719
Total word count - document B			0
Total word count - documents A + B			2719

Video camera **with a flat screen viewfinder**
Camera **video avec viseur a ecran plat**
INVENTOR:
Auffret, Eric, **Thomson Multimedia** ...
INTERNATIONAL PATENT CLASS: **H04N-005/225** ...

... **H04N-005/232**

...ABSTRACT A1
The invention proposes a **camera** 1 furnished with a flat screen viewfinder 4 which comprises a specific fixing system. The fixing system essentially comprises a boom 5 for connecting the viewfinder 4 and the **camera** body 2. The boom 5 is connected on the one hand to the **camera** body 2 and on the other hand to the viewfinder 4 by fixing means 6...

...positional retention. According to one embodiment, the boom 5 extends towards the rear of the **camera** 1 so that a possible position of the viewfinder 4 lies in the extension of...

SPECIFICATION The invention relates to a video **camera** with flat screen viewfinder. More particularly, the invention concerns professional video **cameras** .

A video **camera** uses a viewfinder to allow the cameraman to view what he is filming. Depending on the type of **camera** , a viewfinder with eyepiece or a viewfinder with screen is used. Viewfinders having a screen are used especially on pod-mounted professional **cameras** so as to allow the cameraman to be able to use the viewfinder whilst being able to watch other indicators.

The viewfinders of professional **cameras** are cathode-ray tube screens of small dimensions placed above the **camera** . However, the position of the viewfinder above the **camera** poses two problems. A first problem is a defect of parallax which may deceive the...

...is not possible to place a cathode-ray tube viewfinder in the extension of the **camera** . This is because adding a cathode-ray tube alligned with the sighting axis of the **camera** would have the effect of lengthening the body of the **camera** considerably. On the other hand, it is possible

CLAIMS 1. Video **camera** (1) comprising a **camera** body (2) and a lens (3), characterized in that it comprises:
- a viewfinder (4) of...

...flat screen type,
- a boom (5) which is connected by a first end to the **camera** body (2) and by a second end to the viewfinder (4);
- a first fixing means (6) for connecting the boom (5) to the **camera** body (2), the said first means (6) allowing on the one hand adjustment of positioning...

...the one hand adjustment of positioning and on the other hand retention in position.

2. **Camera** according to Claim 1, characterized in that the first fixing means (6) is a sliding link furnished with a means of clamping by braking.
3. **Camera** according to Claim 2, characterized in that the sliding link consists of a rail (10...

...rail (10) is secured to the boom (5), the slider (11) being secured to the **camera** body (2).

4. **Camera** according to Claim 3, characterized in that the rail (10) is a member whose profile remains indentical after a 90(degree) rotation about the translation axis.
5. **Camera** according to one of Claims 1 to 4, characterized in that the second fixing means (7) ensures at least two rotations according to two axes of rotation.
6. **Camera** according to Claim 5, characterized in that the second fixing means (7) comprises a ball and socket (62 to 64) furnished with clamping means (66).
7. **Camera** according to Claim 5, characterized in that the second fixing means (7)comprises:
- a gantry...

...retention (90) for retaining in position the rod (88) in the tilting support (90).

8. **Camera** according to Claim 5, characterized in that the second fixing means (7) comprises:
- an element...

...for ensuring the clamping of the viewfinder (4) with respect to the gantry (17).

9. **Camera** according to Claim 8, characterized in that the rod (4) is furnished with adjustable means of translational clamping (16).
10. **Camera** according to one of Claims 8 or 9, characterized in that the viewfinder (4) comprises...

...several orientations of mounting of the viewfinder (4) with respect to the gantry (17).

11. **Camera** according to one of Claims 1 to 10, characterized in that the boom (5) extends towards the rear of the **camera** (1) so that a possible position of the viewfinder (4) lies in the extension of...

13/3,K/4 (Item 4 from file: 348)

00884370
Special effects camera
Spezialeffektenkamera
Camera **a effets speciaux**
PATENT ASSIGNEE:
THOMSON multimedia, (1090172), 46, Quai A. Le Gallo, 92648 Boulogne Cedex , (FR), (applicant designated states: DE;FR;GB)
INVENTOR:
Blondel, Laurent, THOMSON Multimedia, 46 Quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR)
Auffret, Eric , THOMSON Multimedia, 46 Quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR)
Bizos, Laurent, THOMSON Multimedia, 46 Quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR
LEGAL REPRESENTATIVE:
Rossmanith, Manfred, Dr. (86693), Deutsche Thomson-Brandt GmbH European Patent Operations Karl-Wiechert-Allee 74, 30625 Hannover, (DE)
PATENT (CC, No, Kind, Date): EP 809408 A1 971126 (Basic)
APPLICATION (CC, No, Date): EP 97401129 970523;
PRIORITY (CC, No, Date): FR 966506 960524
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **H04N-009/75** ; **H04N-005/272**
TRANSLATED ABSTRACT WORD COUNT: 96
ABSTRACT WORD COUNT: 98

LANGUAGE (Publication,Procedural,Application): French; French; French
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(French)	9711W3	1944
SPEC A	(French)	9711W3	5377
Total word count - document A			7321
Total word count - document B			0
Total word count - documents A + B			7321

Special effects camera
Camera **a effets speciaux**
INVENTOR:
... FR)
Auffret, Eric ...
INTERNATIONAL PATENT CLASS: **H04N-009/75** ...

... **H04N-005/272**

...ABSTRACT Translated)
Video **camera** system with background and foreground manipulation facility
The system takes signals from a **camera** (2) and passes them to an optical separator (3). The separator produces the three primary...

...ABSTRACT A1

Video **camera** system with background and foreground manipulation facility
The system takes signals from a **camera** (2) and passes them to an optical separator (3). The separator produces the three primary...

...SPECIFICATION eclaire en lumiere visible.

...revendication 17, caracterise en ce que la zone de memoire video (25) contenue dans la **camera** comprend une memoire dans laquelle les donnees numeriques issues du circuit de multiplexage sont ecrites...

...le nombre de lignes accumulees dans la zone de memoire video (35) contenu dans la **camera** etant au minimum egal a 8, en ce que le compresseur (26) comprend des circuits...

13/3,K/5 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00300355 **Image available**
PROGRESSIVE ADDRESSING METHOD FOR A CHARGE-TRANSFER DEVICE AND IMAGE-CAPTURING DEVICE USING SAID METHOD
PROCEDE D'ADRESSAGE PROGRESSIF D'UN DISPOSITIF A TRANSFERT DE CHARGES ET DISPOSITIF DE PRISE DE VUE UTILISANT CE PROCEDE
Patent Applicant/Assignee:
THOMSON-CSF,
AUFFRET Eric,
HEURTAUX Jean-Claude,
Inventor(s):
AUFFRET Eric ,
HEURTAUX Jean-Claude
Patent and Priority Information (Country, Number, Date):
Patent: WO 9518506 A1 19950706
Application: WO 94FR1518 19941222 (PCT/WO FR9401518)
Priority Application: FR 9315880 19931230
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 2792

Inventor(s):
AUFFRET Eric ...
Main International Patent Class: **H04N-003/15**
Fulltext Availability:
Detailed Description

English Abstract
...areas (4i), to the frame memory area (2). The method is for use in a **camera** using this type of industrial optical sensor.

French Abstract
...les charges contenues dans les zones interlignes (4i) vers la zone memoire trame (2). Application: **camera** utilisant ce type de capteurs pour la vision industrielle.

Detailed Description
... charge, interligne A transfert de trame, et un dispositif de prise de vue, notamment une **camEra** , comportant au moins un
tel dispositif A transfert de charge adressE suivant le procEdE selon...

...saxonne "FIT", abrEviation pour "Frame Interline
Transfert" sont utilisEs la plupart du temps dans des **camEras**
professionnelles de studio ou de reportage.
Un capteur CCD FIT fonctionne dans un premier temps...

13/3,K/6 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00248550 **Image available**
ANALOG-TO-DIGITAL CONVERTER AND FEEDBACK LOOP USING SAME
CONVERTISSEUR ANALOGIQUE-NUMERIQUE ET BOUCLE D'ASSERVISSEMENT UTILISANT UN TEL CONVERTISSEUR
Patent Applicant/Assignee:
THOMSON-CSF,
AUFFRET Eric,
Inventor(s):
AUFFRET Eric
Patent and Priority Information (Country, Number, Date):
Patent: WO 9322840 A1 19931111
Application: WO 93FR443 19930507 (PCT/WO FR9300443)
Priority Application: FR 925637 19920507
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
JP US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: French
Fulltext Word Count: 2806

Inventor(s):
AUFFRET Eric ...
...International Patent Class: **H04N-05:16**

English Abstract
...Application especially in devices for the treatment of video signals including televisions, videotape recorders and **cameras** .

French Abstract
...L'invention s'applique plus particulierement aux dispositifs de traitement du signal video (televiseurs, magnetoscopes, **cameras** ...).

15/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01343662
Device for video tranmission between a camera and a control room
Vorrichtung zur Videoubertragung zwischen einer Kamera und einem Regieraum
Dispositif de transmission video entre une camera et une regie
PATENT ASSIGNEE:
Thomson Broadcast Systems, (3290500), 46 quai Alphonse Le Gallo, 92100 Boulogne, (FR), (Applicant designated States: all)
INVENTOR:
Auffret, Eric, Thomson multimedia, 46, quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR)
LEGAL REPRESENTATIVE:
Kohrs, Martin et al (88663), Thomson multimedia 46, quai A. Le Gallo, 92648 Boulogne Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 1148719 A1 011024 (Basic)
APPLICATION (CC, No, Date): EP 2001108123 010330;
PRIORITY (CC, No, Date): FR 005065 000414
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-005/28; H04N-005/232
ABSTRACT WORD COUNT: 93
NOTE:
Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200143	461
SPEC A	(English)	200143	3504
Total word count - document A			3965
Total word count - document B			0
Total word count - documents A + B			3965

...SPECIFICATION comprising a camera fitted with a transmitter for sending images by radio frequency and a **directional** receiving **antenna** for receiving the **images** from the **transmitter** , in which the **camera** comprises an identification means which transmits a locating signal, and in which the antenna comprises...

15/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00271635
Improvements in steerable windowed enclosures.
Orientierbares mit einem Fenster versehenes Gehause.
Enceinte orientable munie d'une fenetre.
PATENT ASSIGNEE:
Istec Inc., (911110), 1810 C, Highway No. 6 N., Hamilton Ontario L9J 1H2, (CA), (applicant designated states: DE;ES;FR;GB;IT)
INVENTOR:
Leavitt, John Noxon, Box 69 West Flamborough, Ontario, L0R 2K0, (CA)

LEGAL REPRESENTATIVE:

Cardwell, Stuart Martin et al (52502), Roystons Tower Building Water Street, Liverpool, Merseyside L3 1BA, (GB)

PATENT (CC, No, Kind, Date): EP 265175 A2 880427 (Basic)
EP 265175 A3 900117
EP 265175 B1 921230
APPLICATION (CC, No, Date): EP 87309115 871015;
PRIORITY (CC, No, Date): CA 521276 861023
DESIGNATED STATES: DE; ES; FR; GB; IT
INTERNATIONAL PATENT CLASS: H01Q-001/42; G12B-009/00;
ABSTRACT WORD COUNT: 242
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	525
CLAIMS B	(German)	EPBBF1	504
CLAIMS B	(French)	EPBBF1	522
SPEC B	(English)	EPBBF1	4382
Total word count - document A			0
Total word count - document B			5933
Total word count - documents A + B			5933

...SPECIFICATION to stabilise the line-of-sight of a device, such as a photoelectric sensor, television **camera** , **movie camera** , infra-red **imager** , **or directional antenna** , mounted **on** the **stabilised mechanism** .

Such a gyro-stabilised mechanism have now become well known and a particularly successful example...

?

18/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01315907
Wireless video monitoring system
Drahtloses Videouberwachungssystem
Systeme de controle video sans fil
PATENT ASSIGNEE:
SAMSUNG ELECTRONICS CO., LTD., (1093728), 416, Maetan-dong, Paldal-gu, Suwon-City, Kyungki-do, (KR), (Applicant designated States: all)
INVENTOR:
Park, Chun-Ho, 159-20, Bukahyeon-dong, Seodaemun-gu, Seoul, (KR)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1124375 A2 010816 (Basic)
EP 1124375 A3 011212
APPLICATION (CC, No, Date): EP 2001100828 010115;
PRIORITY (CC, No, Date): KR 201873 000115
DESIGNATED STATES: DE; ES; FR; GB; IT; PT
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-007/14; H04N-007/18
ABSTRACT WORD COUNT: 63
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200133	123
SPEC A	(English)	200133	604
Total word count - document A			727
Total word count - document B			0
Total word count - documents A + B			727

...SPECIFICATION achieve the above object, there is provided a wireless video monitoring system. In the wireless **video** monitoring system, a wireless **camera** **transmits** **video** data of a monitored object in the form of an **RF** signal. A wireless telephone receives the **RF** signal from the wireless camera via a fixture, and demodulates the **RF** signal and displays the monitored object on a display through a portable terminal.
The above...

...since they would obscure the invention in unnecessary detail.
Referring to FIG. 1, a wireless **camera** 10 **transmits** **video** data of a monitored object in the form of an RF (Radio Frequency) signal. A...

18/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00310006
Radio controlled toy.
Funkferngesteuertes Spielzeug.
Jouet radiocommande.

PATENT ASSIGNEE:
  Brubaker, Curtis M., (952600), 10560 Dolcedo Way, Los Angeles California 90077, (US), (applicant designated states: AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
  Pierce, Harold D., 20041 Lorne Street, Canoga Park California 91306, (US)
  Wykes, Harry B., 3103 Highland Avenue, Manhattan Beach California 90266, (US)
  Dixon, Robert C., 14717 Perry Park Road, Palmer Lake Colorado 80133, (US)
  Post, Lawrence H., 319 Hill Trail Drive, Ballwin Missouri 63011, (US)
  Brubaker, Curtis M., 10560 Dolcedo Way, Los Angeles, California 90077, (US)
LEGAL REPRESENTATIVE:
  Cross, Rupert Edward Blount et al (42891), BOULT, WADE & TENNANT 27 Furnival Street, London EC4A 1PQ, (GB)
PATENT (CC, No, Kind, Date): EP 281427 A2 880907 (Basic)
EP 281427 A3 890816
EP 281427 B1 920805
APPLICATION (CC, No, Date): EP 88301975 880307;
PRIORITY (CC, No, Date): US 22019 870305
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: A63H-030/04;
ABSTRACT WORD COUNT: 189

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	563
CLAIMS B	(German)	EPBBF1	564
CLAIMS B	(French)	EPBBF1	655
SPEC B	(English)	EPBBF1	12656
Total word count - document A			0
Total word count - document B			14438
Total word count - documents A + B			14438

...SPECIFICATION Fig. 3 illustrates in diagramatic form, the basic systems associated with the present invention. Toy **4** contains camera module 2 that incorporates the video camera system 28, an audio- **video transmitter** 30 and a control system receiver 32. The video camera 28 converts the visual scene...

...36 through iris 34 to an electronic signal that is then encoded by the audio- **video transmitter 30** for **transmission** to the **transmitter** antenna 24. The **video camera** 28 **incorporates** a number of features designed to exploit the capabilities of available technology and optimize them...from the toy to the TV module utilizes an infrared transmitter-receiver system that is **configured** for this specific application. The infrared **transmitter - receiver** replaces the **radio frequency** audio- **video transmitter** and receiver described above and provides a benefit compared to such a system, in that...

18/3,K/3 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00348538 **Image available**
PASSIVE TRANSCEIVER FOR ELECTRONIC STILL CAMERAS
EMETTEUR/RECEPTEUR PASSIF POUR APPAREIL PHOTO GRAPHIQUE ELECTRONIQUE

Patent Applicant/Assignee:
POLAROID CORPORATION,
Inventor(s):
METZ Werner,
EGAN Richard G,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9631051 A1 19961003
Application: WO 96US4150 19960327 (PCT/WO US9604150)
Priority Application: US 95413694 19950330
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 4141

Fulltext Availability:
Detailed Description

Detailed Description
... Video Signal and Corresponding Audio Signal" issued to Yasuhisa Nakajima on November 23, 1993. The **video camera** described - I therein uses an active **transmitter** to **transmit** via **RF transmission** audio and **video** signals and, therefore, add additional electronics to the video camera including a local oscillator, a...
?

20/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01165518
Method and system for handling user and producer photofinishing customization data for a film unit
Verfahren und System zum Verarbeiten von Benutzer- und Hersteller-Daten fur Photoarbeiten von Filmeinheiten
Procede et systeme pour le traitement des donnees d'utilisateur et producteur pour faire des epreuves photo a partir d'unites a film
PATENT ASSIGNEE:
EASTMAN KODAK COMPANY, (201212), 343 State Street Rochester,, New York 14650, (US), (Proprietor designated states: all)
INVENTOR:
Cipolla, David, Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Smart, David C., Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Walker, Robert Luke, Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
LEGAL REPRESENTATIVE:
Weber, Etienne Nicolas et al (91684), Kodak Industrie, Departement Brevets, CRT, Zone Industrielle, 71102 Chalon sur Saone Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 1016925 A2 000705 (Basic)
EP 1016925 A3 040128
EP 1016925 B1 050824
APPLICATION (CC, No, Date): EP 99204216 991209;
PRIORITY (CC, No, Date): US 221424 981228
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G03D-015/00; G06F-012/14; H04N-001/00
ABSTRACT WORD COUNT: 16918
NOTE:
Figure number on first page: 11A 11B

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200027	433
CLAIMS B	(English)	200534	638
CLAIMS B	(German)	200534	634
CLAIMS B	(French)	200534	785
SPEC A	(English)	200027	15358
SPEC B	(English)	200534	15452
Total word count - document A			15794
Total word count - document B			17509
Total word count - documents A + B			33303

...SPECIFICATION file which is then transmitted for photofinishing. U.S. 5,606,365 teaches a digital **camera** which **transmits image** information **with** a **camera identification** code to a networked computer system for processing using correction maps specific to that camera...

20/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00889216

Object identification and precision localization through combined video and infrared signals

Identifizierung von Gegenstanden und Positionsbestimmung mit hoher Genauigkeit mittels kombinierter Video- und Infrarotsignale

Identification d'objet et localisation a haute precision au moyen de signaux video et infrarouge combines

PATENT ASSIGNEE:
XEROX CORPORATION, (219783), Xerox Square, Rochester New York 14644, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
Greene, Daniel H., 1055 Manet Drive No. 6, Sunnyvale, California 94087, (US)
Want, Roy, 1541 Morton Avenue, Los Altos, California 94024, (US)
Newman, William M., 36 George Street, Cambridge, Cambs, (GB)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 813073 A2 971217 (Basic)
EP 813073 A3 990526
APPLICATION (CC, No, Date): EP 97303944 970606;
PRIORITY (CC, No, Date): US 663962 960614
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G01S-005/16; G01C-011/06;
ABSTRACT WORD COUNT: 125

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9712W2	412
SPEC A	(English)	9712W2	4504
Total word count - document A			4916
Total word count - document B			0
Total word count - documents A + B			4916

...SPECIFICATION author). Such a system would require only inexpensive components such as CCD (charge couple device) **video cameras** to act a detectors, inexpensive **passive** or active infrared **devices** for **identification** tags, and an image processing computer for determining identification and spatial localization of a tagged...

20/3,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

01285379 **Image available**

VEHICLE ARRESTER SYSTEMS

SYSTEMES D'ARRET DE VEHICULES

Patent Applicant/Assignee:
ISRAEL AIRCRAFT INDUSTRIES LTD, Ben Gurion International Airport, 70100 Lod, IL, IL (Residence), IL (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BENIAMIN Ofer, 4 Bikat Rimon Street, 44629 Kfar Saba, IL, IL (Residence), IL (Nationality), (Designated only for: US)

ARKIN Dvir, Moshav Ganey Yochanan 52, 76922 Ganey Yochanan, IL, IL (Residence), IL (Nationality), (Designated only for: US)
RESHEF Elyakim, 32 Hashita Street, 44813 Oranit, IL, IL (Residence), IL (Nationality), (Designated only for: US)
SHANI Moshe, 7 Kalisher Street, 46497 Herzeliya, IL, IL (Residence), IL (Nationality), (Designated only for: US)
YARDENY Mordehay, 32 Nordau Street, 49590 Petach Tikva, IL, IL (Residence), IL (Nationality), (Designated only for: US)
ATTIAS Avraham, 2 Hate'eyna Street, Ofra 90627, IL, IL (Residence), IL (Nationality), (Designated only for: US)
GRANOT Moshe Israel, 14 Shlomo Street, Petach Tikva 49581, IL, IL (Residence), IL (Nationality), (Designated only for: US)
COHEN Joseph, P.O. Box 71, Moshav Talme, Menashe 70392, IL, IL (Residence), IL (Nationality), (Designated only for: US)

Legal Representative:
REINHOLD COHN AND PARTNERS (agent), P.O. Box 4060, 61040 Tel Aviv, IL,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200593163 A2 20051006 (WO 0593163)
Application: WO 2005IL351 20050328 (PCT/WO IL05000351)
Priority Application: IL 161133 20040328; US 2004557058 20040329

Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 6425

Fulltext Availability:
Detailed Description
Claims

Detailed Description
... in a remotely controlled roadblock arrangement comprising signposts, road humps, deployable road spikes, traffic lights, **video cameras** , voice **communication means** , lighting and personal **identification means** , etc. Preferably, at least one of the video cameras is disposed in the device so...

Claim
... comprising one or more of the following: signposts, road humps, deployable road spikes, traffic lights, **video cameras** , voice **communication means** , lighting and personal **identification means** .

33 The **device** according to Claim 32, wherein at least one of said video cameras is disposed in...

20/3,K/4 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00909145 **Image available**
PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED DESPECKLING MECHANISMS PROVIDED THEREIN
SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME DE DECHATOIEMENT INTEGRE

Patent Applicant/Assignee:
METROLOGIC INSTRUMENTS INC, 90 Coles Road, Blackwood, NJ 08012, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
TSIKOS Constantine J, 65 Woodstone Drive, Voorhees, NJ 08043-4749, US, US (Residence), US (Nationality), (Designated only for: US)
KNOWLES Carl Harry, 425 East Linden Street, Morrestown, NJ 08057, US, US (Residence), US (Nationality), (Designated only for: US)
ZHU Xiaoxun, 669 Barton Run Boulevard, Marlton, NJ 08053, US, US (Residence), CN (Nationality), (Designated only for: US)
SCHNEE Michael D, 41 Penns Court, Aston, PA 191014, US, US (Residence), US (Nationality), (Designated only for: US)
AU Ka Man, 1224 Devereaux Avenue, Philadelphia, PA 19111, US, US (Residence), US (Nationality), (Designated only for: US)
WIRTH Allan, 358 Concord Road, Bedford, MA 01730, US, US (Residence), US (Nationality), (Designated only for: US)
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GHOSH Sankar, Apartment #B27, 100 W. Oadk Lane, Glenolden, PA 19036, US, US (Residence), US (Nationality), (Designated only for: US)
NAYLOR Charles A, 486 Center Street, Sewell, NJ 08080, US, US (Residence), US (Nationality), (Designated only for: US)
AMUNDSEN Thomas, 620 Glen Court, Turnersville, NJ 08012, US, US (Residence), US (Nationality), (Designated only for: US)
BLAKE Robert, 762 Fairview Avenue, Woodbury Heights, NJ 08097, US, US (Residence), US (Nationality), (Designated only for: US)
SVEDAS William, 515 Longwood Avenue, Deptford, NJ 08096, US, US (Residence), US (Nationality), (Designated only for: US)
DEFONEY Shawn, 331 Fay Ann Court, Runnemede, NJ 08078, US, US (Residence), US (Nationality), (Designated only for: US)
SKYPALA Edward, 1501 Old Blackhorse Pike, Suite 0-2, Blackwood, NJ 08012, US, US (Residence), US (Nationality), (Designated only for: US)
VATAN Pirooz, 5122 Lexington Ridge Drive, Lexington, MA 02421, US, US (Residence), US (Nationality), (Designated only for: US)
DOBBS Russell Joseph, 4 Grass Road, Cherry Hill, NJ 08034, US, US (Residence), US (Nationality), (Designated only for: US)
KOLIS George, 5037 Jackson Avenue, Pennsauken, NJ 08110, US, US (Residence), US (Nationality), (Designated only for: US)
SCHMIDT Mark C, 1659 Woodland Drive, Williamstown, NJ 08094, US, US (Residence), US (Nationality), (Designated only for: US)
YORSZ Jeffrey, 24 Fells Road, Winchester, MA 01890, US, US (Residence), US (Nationality), (Designated only for: US)
GIORDANO Patrick A, 1501 Little Gloucester Road, Apartment #U-40, Blackwood, NJ 08012, US, US (Residence), US (Nationality), (Designated only for: US)
COLAVITO Stephen J, 3520 Edgewater Lane, Brookhaven, PA 19015-2607, US, US (Residence), US (Nationality), (Designated only for: US)

WILZ David W Sr, 10 Orion Way, Sewell, NJ 08080, US, US (Residence), US (Nationality), (Designated only for: US)
SCHWARTZ Barry E, 407 Farwood Road, Haddonfield, NJ 08033, US, US (Residence), US (Nationality), (Designated only for: US)
KIM Steve Y, 129 Franklin Street, #113, Cambridge, MA 02139, US, US (Residence), US (Nationality), (Designated only for: US)
FISCHER Dale, 204 Sunshire Lakes Drive, Voorhees, NJ 08043, US, US (Residence), US (Nationality), (Designated only for: US)
VAN Tassel John E Jr, 8 Arbor Lane, Winchester, MA 01890, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:
PERKOWSKI Thomas J (et al) (agent), Thomas J. Perkowski, Esq., P.C., Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200243195 A2-A3 20020530 (WO 0243195)
Application: WO 2001US44011 20011121 (PCT/WO US0144011)
Priority Application: US 2000721885 20001124; US 2001780027 20010209; US 2001781665 20010212; US 2001883130 20010615; US 2001954477 20010917; US 2001999687 20011031

Parent Application/Grant:
Related by Continuation to: US 2001954477 20010917 (CIP)

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 298301

Fulltext Availability:
Claims

Claim
... a schematic representation of the PLHM-based system shown in Fig. IA, wherein the linear **image** formation and detection module is shown comprising a linear array of photo-electronic detectors realized...

...mirror, an image frame grabber, an image data buffer, an image processing computer, and a **camera** control computer;
Fig. I GI is a schematic representation of an exemplary realization of the PLIIM-based **system** of Fig. 1A, shown comprising a linear image formation and detection (IFD) module, a pair...fixed field of view (FOV) of the image formation and detection module when set to **image** the tallest packages **moving** on a conveyor belt structure, as well as the spatial limits of the fixed FOV...

...block portions of planar laser illumination beams which extend beyond the scanning field of the **system** , and could pose a health risk to humans if viewed thereby during system operation;
Fig...D PUB micro-oscillation mechanism, in relation to the field of view

25/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01772700
Operation limiting technique for a camera-equipped mobile communication terminal
Methode zum Abgrenzen der Funktion von einen Handy mit einem eingebauten Fotoapparat
Methode pour limiter des fonctions photographiques d'un telephone cellulaire comprenant un appareil photographique
PATENT ASSIGNEE:
NEC CORPORATION, (236690), 7-1, Shiba 5-chome, Minato-ku, Tokyo, (JP), (Applicant designated States: all)
INVENTOR:
Hayashi, Hideyuki, c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, (JP)
LEGAL REPRESENTATIVE:
von Samson-Himmelstjerna, Friedrich R., Dipl.-Phys. et al (12469), SAMSON & PARTNER Widenmayerstrasse 5, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1445923 A1 040811 (Basic)
EP 1445923 A1 040811
APPLICATION (CC, No, Date): EP 2004002319 040203;
PRIORITY (CC, No, Date): JP 200327586 030204; JP 2003403515 031202
DESIGNATED STATES: DE; FR; GB; IT
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS: H04M-001/725
ABSTRACT WORD COUNT: 65
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 200433 1928
SPEC A (English) 200433 7712
Total word count - document A 9640
Total word count - document B 0
Total word count - documents A + B 9640

...SPECIFICATION The location detector may be a GPS positioning section for receiving global positioning system (GPS) **signals** to detect the **location** of the mobile **communication** terminal.
The **camera** functions may include **image** pickup function, auto-focusing and zooming function, strobe function, shutter-sound generating function, and video...

25/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01461609
Video communication with feedback of the caller's position relative to the camera
Videokommunikation mit Ruckmeldung der relativen Position des Anrufenden zu der Kamera
Communication video avec retour de la position relative de l'appelant par

rapport a la camera
PATENT ASSIGNEE:
BRITISH TELECOMMUNICATIONS public limited company, (846100), 81 Newgate Street, London EC1A 7AJ, (GB), (Applicant designated States: all)
INVENTOR:
The designation of the inventor has not yet been filed
LEGAL REPRESENTATIVE:
Lloyd, Barry George William et al (42974), BT Group Legal Services, Intellectual Property Department, 8th Floor, Holborn Centre, 120 Holborn, London EC1N 2TE, (GB)
PATENT (CC, No, Kind, Date): EP 1250005 A1 021016 (Basic)
APPLICATION (CC, No, Date): EP 2001303454 010412;
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-007/14
ABSTRACT WORD COUNT: 83
NOTE:
Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200242	858
SPEC A	(English)	200242	2057
Total word count - document A			2915
Total word count - document B			0
Total word count - documents A + B			2915

...CLAIMS means for varying the position of the said one area in dependence on the head **location signal** .
8. A **video communication** device comprising:
a **camera** device;
a **transmitter** for transmitting **pictures** from the **camera** device; and
head location means for generating a head location signal representative of the position...

25/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01060718
Audio/video monitoring system
Audio-Video-Uberwachungssystem
Systeme de surveillance audio et video
PATENT ASSIGNEE:
Livecam Limited, (2693190), Phoenix House, 7 South Avenue, Clydebank, Glasgow G81 2LG, (GB), (Applicant designated States: all)
INVENTOR:
Adam, Robert, c/o Livecam Limited, Phoenix House, 7 South Avenue, Clydebank, Glasgow G81 2LG, (GB)
LEGAL REPRESENTATIVE:
Cooper, John et al (76421), Murgitroyd & Company, Chartered Patent Agents, 373 Scotland Street, Glasgow G5 8QA, (GB)
PATENT (CC, No, Kind, Date): EP 935225 A2 990811 (Basic)
EP 935225 A3 990915
APPLICATION (CC, No, Date): EP 99300704 990129;

PRIORITY (CC, No, Date): GB 9802483 980206
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IE; IT; LI; NL; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G08B-015/00
ABSTRACT WORD COUNT: 54
NOTE:
Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9932	311
SPEC A	(English)	9932	1538
Total word count - document A			1849
Total word count - document B			0
Total word count - documents A + B			1849

...ABSTRACT A3
An audio/video monitoring system comprises a video camera unit including a video **camera** adapted to generate **video** and audio signals, and wireless **transmitter** means for transmitting said **video** and audio **signals** to a remote **location** . The **video** **camera** and **transmitter** unit are suitably incorporated into a soft housing unit, preferably a soft toy.

...SPECIFICATION is provided an audio/video monitoring system comprising a video camera unit including:
a video **camera** adapted to generate **video** and audio signals; and
wireless **transmitter** means for transmitting said **video** and audio **signals** to a remote **location** ;

wherein said **video** **camera** and **transmitter** unit are incorporated into a soft housing.
Preferably, the soft housing is a toy.
Preferably...

...is provided an audio/video monitoring system comprising:
a video camera unit including a video **camera** adapted to generate **video** and audio signals and wireless **transmitter** means for transmitting said **video** and audio **signals** to a remote **location** ; in combination with:
a receiver unit having wireless receiver means for receiving signals transmitted from...

CLAIMS 1. An audio/video monitoring system comprising a video camera unit including:
a video **camera** adapted to generate **video** and audio signals; and
wireless **transmitter** means for transmitting said **video** and audio **signals** to a remote **location** ;

wherein said **video** **camera** and **transmitter** unit are incorporated into a soft housing.
2. An audio/video monitoring system as claimed...

...means.
6. An audio/video monitoring system comprising a video camera unit including:

a video **camera** adapted to generate **video** and audio signals; and wireless **transmitter** means for transmitting said **video** and audio **signals** to a remote **location** ; in combination with a receiver unit having:
wireless receiver means for receiving signals transmitted from...

25/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01045290
Video conferencing system
Videokonferenzsystem
Systeme de videoconference
PATENT ASSIGNEE:
NORTEL NETWORKS CORPORATION, (217325), World Trade Center of Montreal 380 St. Antoine Street West 8th Floor, Montreal, Quebec H2Y 3Y4, (CA), (Applicant designated States: all)
INVENTOR:
Bee, James W M, 531 Bay Street, Ottawa, Ontario K1R 6B4, (CA)
Lamontagne, Doris D, 13 Stillwater Drive, Nepean, Ontario K2H 5J9, (CA)
Hopkins, Gordon W, 47 Shannondoe Crescent, Kanata, Ontario K2M 2H1, (CA)
Smith, Scott T, 11 Vermoer Way, Kanata, Ontario K2K 2M1, (CA)
Illingworth, Shaun, 182 Walden Drive, Kanata, Ontario K2K 2K7, (CA)
LEGAL REPRESENTATIVE:
Anderson, Angela et al (78509), Nortel Networks Limited, Harlow Laboratories, London Road, Harlow, Essex CM17 9NA, (GB)
PATENT (CC, No, Kind, Date): EP 924929 A2 990623 (Basic)
EP 924929 A3 000322
APPLICATION (CC, No, Date): EP 98310456 981218;
PRIORITY (CC, No, Date): US 995539 971222
DESIGNATED STATES: DE; FR; GB; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-007/14; H04N-007/18
ABSTRACT WORD COUNT: 56
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9925	1165
SPEC A	(English)	9925	3912
Total word count - document A			5077
Total word count - document B			0
Total word count - documents A + B			5077

...SPECIFICATION video signals, controllers 180 and 190 also establish a general audio channel for transmitting sound **signals** between the **locations** .
Before **sending** a **camera** 's **video** signal to the monitor, a video processor prepares the video signal for transmission to the...

25/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00917879
Camera control system
Kamerasteuersystem
Systeme de controle de camera
PATENT ASSIGNEE:
CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP), (Proprietor designated states: all)
INVENTOR:
Suzuki, Kazuko, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, (JP)
Kawai, Tomoaki, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, (JP)
LEGAL REPRESENTATIVE:
Pellmann, Hans-Bernd, Dipl.-Ing. et al (9227), Patentanwaltsburo Tiedtke-Buhling-Kinne & Partner Bavariaring 4-6, 80336 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 837605 A2 980422 (Basic)
EP 837605 A3 990915
EP 837605 B1 030409
APPLICATION (CC, No, Date): EP 97117788 971014;
PRIORITY (CC, No, Date): JP 96272300 961015
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04N-007/14; H04N-007/18; H04N-005/232
ABSTRACT WORD COUNT: 13678
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200315	1065
CLAIMS B	(German)	200315	912
CLAIMS B	(French)	200315	1202
SPEC B	(English)	200315	5657
Total word count - document A			0
Total word count - document B			8836
Total word count - documents A + B			8836

...SPECIFICATION LAN. The network I/F 36 makes it possible to transmit/receive a camera control **signal** from a remote **location** **to** the **video** **communication** terminal 20 **through** the network. **A** bus 38 connects the respective devices in the video communication terminal 20 to each other...

25/3,K/6 **(Item 6 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

00806938
Machine vision control system
Maschinensichtsteuersystem
Systeme de commande de vision par machine
PATENT ASSIGNEE:
PPT Vision, Inc., (2212580), 10321 West 70th Street, Eden Prairie, MN 55344-3446, (US), (Proprietor designated states: all)
INVENTOR:
TONKIN, Steven, W., 17854 South Shore Lane West, Eden Prairie, MN 55346, (US)
PAULSEN, Mark, T., 1321 Stratton Court, Chanhassen, MN 55317, (US)

LEGAL REPRESENTATIVE:
Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. High Holborn 2-5 Warwick Court, London WC1R 5DJ, (GB)
PATENT (CC, No, Kind, Date): EP 815688 A1 980107 (Basic)
EP 815688 B1 000510
WO 9631067 961003
APPLICATION (CC, No, Date): EP 96909790 960321; WO 96US3763 960321
PRIORITY (CC, No, Date): US 410119 950324
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED DIVISIONAL NUMBER(S) - PN (AN):
EP 971541 (EP 99202941)
INTERNATIONAL PATENT CLASS: H04N-007/18
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200019	2620
CLAIMS B	(German)	200019	2328
CLAIMS B	(French)	200019	3090
SPEC B	(English)	200019	7179
Total word count - document A			0
Total word count - document B			15217
Total word count - documents A + B			15217

...SPECIFICATION units in a manufacturing environment comprising;
a plurality of video cameras operable in response to **camera** control signals to **transmit video signals** from respective remote **locations** ;
trigger means operable at the remote locations to generate trigger signals for initiating image acquisition...

...CLAIMS in a manufacturing environment comprising;
a plurality of video cameras (102) operable in response to **camera** control signals to **transmit video signals** from respective remote **locations** ;
trigger means (106, 122) operable at the remote locations to generate trigger signals for initiating...in a manufacturing environment comprising;
operating a plurality of video cameras (102) in response to **camera** control signals to **transmit video signals** from respective remote **locations** ;
generating trigger **signals** for initiating image acquisition by the respective video cameras;
operating a main processor (100) to...

25/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00270883
Lateral position sensing device.
Seitliche Positionstastaturvorrichtung.
Dispositif pour palper la position laterale.
PATENT ASSIGNEE:
Harland Crosfield Limited, (1352920), 151 Silbury Boulevard, Central

Milton Keynes, Bucks., (GB), (applicant designated states: CH;DE;GB;IT;LI)
INVENTOR:
Isherwood, Jeffrey, 15 Parsonage Gardens, Enfield Middlesex EN2 6JS, (GB)
LEGAL REPRESENTATIVE:
Rackham, Stephen Neil et al (35061), GILL JENNINGS & EVERY 53-64 Chancery Lane, London WC2A 1HN, (GB)
PATENT (CC, No, Kind, Date): EP 265081 A1 880427 (Basic)
EP 265081 B1 911211
APPLICATION (CC, No, Date): EP 87308351 870921;
PRIORITY (CC, No, Date): GB 8622972 860924
DESIGNATED STATES: CH; DE; GB; IT; LI
INTERNATIONAL PATENT CLASS: B65H-023/02;
ABSTRACT WORD COUNT: 235
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	703
CLAIMS B	(German)	EPBBF1	581
CLAIMS B	(French)	EPBBF1	677
SPEC B	(English)	EPBBF1	2231
Total word count - document A			0
Total word count - document B			4192
Total word count - documents A + B			4192

...SPECIFICATION a video camera focussed onto the lateral edge of the moving web of material together **with** means to monitor and analyse the **video** output of the **camera** to produce a **signal** dependent upon the **location** **of** the said edge **of** illumination or the separation of the regions of illumination on the edge of the moving...

25/3,K/8 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00950814 **Image available**
VIDEO COMMUNICATION WITH FEEDBACK OF THE CALLER'S POSITION RELATIVE TO THE CAMERA
COMMUNICATION VIDEO
Patent Applicant/Assignee:
BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, 81 Newgate Street, London, Greater London EC1A 7AJ, GB, GB (Residence), GB (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
MORRISON David Geoffrey, 10 Tylers Green, Trimley, Felixstowe, Suffolk IP11 0XF, GB, GB (Residence), GB (Nationality), (Designated only for: US)
NIGHTINGALE Charles, 39 Quilter Road, Felixstowe, Suffolk IP11 7JL, GB, GB (Residence), GB (Nationality), (Designated only for: US)
Legal Representative:
LLOYD Barry George William (agent), Intellectual Property Dept., Holborn Centre, 8th Floor, 120 Holborn, London, Greater London EC1N 2TE, GB,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200285017 A2-A3 20021024 (WO 0285017)
Application: WO 2002GB1488 20020327 (PCT/WO GB02001488)
Priority Application: EP 2001303454 20010412
Designated States:
(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3443

Fulltext Availability:
Claims

Claim
... means for varying the position of the said one area in dependence on the head **location signal** .
11 A **video communication** device comprising:
a **camera** device;
a **transmitter** for transmitting **pictures** from the **camera** device; and head location means for generating a head location signal representative of the position...

25/3,K/9 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00848921 **Image available**
VIDEO-MONITORING SAFETY SYSTEMS AND METHODS
SYSTEMES DE SECURITE PAR SURVEILLANCE TELEVISEE ET PROCEDES ASSOCIES
Patent Applicant/Assignee:
BBNT SOLUTIONS LLC, 10 Moulton Street, Cambridge, MA 02138, US, US (Residence), US (Nationality)
Inventor(s):
CORBITT Timothy W, 122 Coburn Road, Berlin, MA 01503, US,
PASSMAN William S, 198 Lake Street, Lexington, MA 02420, US,
Legal Representative:
SUCHYTA Leonard C (agent), c/o Christian R. Andersen, 600 Hidden Ridge Drive, Mailcode HQE03H01, Irving, TX 75038, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200182627 A1 20011101 (WO 0182627)
Application: WO 2001US12887 20010420 (PCT/WO US0112887)
Priority Application: US 2000557194 20000421
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU
CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ
EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO
NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 4261

Fulltext Availability:
Detailed Description
Claims

Detailed Description
... 1 0 at least one mobile display device corresponding to at least one vehicle.

The **camera** device captures a **video image** of the dangerous **location** and
transmits video signals representative of the captured **video image** . The
display device receives the video signals from the camera device when the corresponding vehicle...

...one mobile display device corresponding
2 0 to at least one vehicle. Each of the **camera** devices captures a **video image**
of the corresponding dangerous **location** and **transmits video signals**
representative of the captured **video image** . The display device receives
the video signals from each of the camera devices when the...

Claim
... visually monitoring a dangerous location,
comprising:
a plurality of camera devices configured to capture different **video images** corresponding to the dangerous **location** and **transmit video signals**
representative of the captured **video images** , each of the **camera** devices
being configured to transmit the video signals on different communication channels;
at least one...
?

26/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00730408
Voice-following video system
Stimmen verfolgendes Videosystem
Systeme video suivant la parole
PATENT ASSIGNEE:
AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412, (US), (Proprietor designated states: all)
INVENTOR:
Hildin, John J., 6 North Point Road, Lincroft, New Jersey 07738, (US)
LEGAL REPRESENTATIVE:
Buckley, Christopher Simon Thirsk et al (28912), Lucent Technologies (UK) Ltd, 5 Mornington Road, Woodford Green, Essex IG8 0TU, (GB)
PATENT (CC, No, Kind, Date): EP 689356 A2 951227 (Basic)
EP 689356 A3 970108
EP 689356 B1 010816
APPLICATION (CC, No, Date): EP 95303901 950607;
PRIORITY (CC, No, Date): US 262729 940620
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: H04N-007/15; H04N-007/18
ABSTRACT WORD COUNT: 138
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	902
CLAIMS B	(English)	200133	1250
CLAIMS B	(German)	200133	1055
CLAIMS B	(French)	200133	1440
SPEC A	(English)	EPAB96	3138
SPEC B	(English)	200133	3317
Total word count - document A			4041
Total word count - document B			7062
Total word count - documents A + B			11103

...SPECIFICATION from NCR Corporation, Dayton, Ohio. Computer 502 includes the appropriate communication interfaces with receiver 500, **servo - controller** 504, and **communication** link 114. Computer 502 **communicates** with **video camera** 102 via RS-232 interface 506.
Servo-controller 504 is an electromechanical assembly in which...

...SPECIFICATION from NCR Corporation, Dayton, Ohio. Computer 502 includes the appropriate communication interfaces with receiver 500, **servo - controller** 504, and **communication** link 114. Computer 502 **communicates** with **video camera** 102 via RS-232 interface 506.
Servo-controller 504 is an electro-mechanical assembly in...
?

```
? show files; ds; save temp; logoff hold
File   2:INSPEC 1898-2005/Nov W1
         (c) 2005 Institution of Electrical Engineers
File   6:NTIS 1964-2005/Nov W1
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2005/Nov W1
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         (c) 2005 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2005/Oct
         (c) 2005 ProQuest Info&Learning
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File  92:IHS Intl.Stds.& Specs. 1999/Nov
         (c) 1999 Information Handling Services
File  94:JICST-EPlus 1985-2005/Sep W2
         (c)2005 Japan Science and Tech Corp(JST)
File  95:TEME-Technology & Management 1989-2005/Oct W2
         (c) 2005 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
         (c) 2005 The HW Wilson Co.
File 144:Pascal 1973-2005/Nov W1
         (c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
         (c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2005/Nov 14
         (c) 2005 ProQuest Info&Learning

Set     Items   Description
S1      18969   VIDEO(3N)TRANSMI?
S2     305329   CAMERA? ?
S3    4050266   S PICTURE? ? OR IMAGE?? OR PICTURE?? OR JPEG?? OR PHOTO?? -
            OR GIF?? OR VIDEO OR PHOTOGRAPH??
S4     183023   S3(7N)(SEND??? OR TRANSFER??? OR FORWARD??? OR PASS??? OR -
           MOV??? OR TRANSMIT??? OR BROADCAST??? OR COMMUNICAT???)
S5     312301   RF OR RADIO()FREQUENC?
S6     176212   (IDENTIFICATION? ? OR IDENTIF?)(3N)(MEANS OR DEVICE? ? OR -
           SYSTEM? ?  OR APPARATUS? OR EQUIPMENT? ?)
S7      16846   DIRECTION?(3N)ANTENNA? ?
S8       7787   LOCAT?(3N)SIGNAL? ?
S9      27330   SERVO(3N)CONTROL?
S10         3   AU=(AUFFRET, E? OR AUFFRET E?)
S11         0   S10 AND S1
S12         0   S10 AND S2
S13      1116   S4 AND S5
S14         8   S13 AND S7
S15         7   RD (unique items)
S16     17301   S2 AND S4
S17        80   S16 AND S5
S18         2   S17 AND S6
S19         2   S18 NOT S15
S20         4   S16 AND S7
S21         4   RD (unique items)
S22         4   S21 NOT (S19 OR S15)
S23      1002   S1 AND S2
S24       588   S23 AND S4
```

S25	12	S24 AND S5
S26	12	RD (unique items)
S27	12	S26 NOT (S22 OR S19 OR S15)
S28	0	S1 AND S9 AND S7 AND S5

15/3,K/1 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1907578 NTIS Accession Number: N95-32339/0
Prospects for High Accuracy Time Dissemination and Synchronization Using Coded Radar Pulses from a Low-Earth Orbiting Spacecraft
Detoma, E. V. ; Dionisio, C.
Centro Ricerche Fiat S.p.A., Orbassano (Italy).
Corp. Source Codes: 069925000; FP610133
Sponsor: National Aeronautics and Space Administration, Washington, DC.
May 95 13p
Languages: English
Journal Announcement: GRAI9523; STAR3311
In NASA. Goddard Space Flight Center, the 26TH Annual Precise Time and Time Interval (Ptti) Applications and Planning Meeting p 333-345.
NTIS Prices: (Order as N95-32319, PC A20/MF A04)

... in space. This is done by emitting a narrow pulse of electromagnetic energy in the **RF** spectrum, receiving the return echo and measuring the time of flight in the two-way...

... itself sufficient to uniquely locate the position of the same in space. However, if a **directional antenna** is used, the **direction** of the echo can be assessed by the antenna pointing angles. In this way the...
...Descriptors: Satellite imagery; *Synchronism; *Synthetic aperture radar; *Time signals; Angular resolution; Bandwidth; Doppler effect; Oscillators; Pulse **communication** ; Radar **imagery** ; Radio altimeters; Satellite-borne radar; Signal to noise ratios

15/3,K/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

07440337 E.I. No: EIP05239147097
Title: An LTCC-based 5-6 GHz receiver with integrated antenna
Author: Pergola, Luca; Vahldieck, Rudiger; Gobel, Uhland; Nuchter, Peter
Corporate Source: Swiss Federal Institute of Technology Laboratory for Field Theory and Microwave Electronics, CH - 8092 Zurich, Switzerland
Conference Title: Conference Proceedings - 7th European Conference on Wireless Technology, ECWT2004
Conference Location: Amsterdam, Netherlands Conference Date: 20041011-20041012
E.I. Conference No.: 64932
Source: Conference Proceedings - 7th European Conference on Wireless Technology, ECWT2004 Conference Proceedings - 7th European Conference on Wireless Technology, ECWT2004 2004. (IEEE cat n 04EX964)
Publication Year: 2004
ISBN: 1580539912
Language: English

Abstract: We report the design, assembly and measurement of an active **RF** -frontend module based on LTCC technology. The frontend is part of a 16 element array...
...GHz and 5.875 GHz. The active module includes the antenna, an LNA, a band **pass** filter for the **image** rejection and a mixer; a directional coupler is also incorporated for calibration purposes. The measured...
Identifiers: Integrated **antennas** ; LTCC technology; **Directional**

couplers; Image rejection

15/3,K/3 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06705337 E.I. No: EIP04068004279
Title: Maxwell without Mathemetics
Author: Nott, Alan
Corporate Source: Antuition Enterprises, Moonee Ponds, Vic. 3039, Australia
Conference Title: 19th Annual Review of Progress in Applied Computational Electromagnetics
Conference Location: Monterey, CA, United States Conference Date: 20030324-20030328
E.I. Conference No.: 62123
Source: Annual Review of Progress in Applied Computational Electromagnetics 2003. p 173-178
Publication Year: 2003
CODEN: CPCEFK
Language: English

...Abstract: for the preparation of image content for use in the Australian Navy's HMAS Cerberus **Radio Frequency** Management courses. These courses, the only ones in the Southern Hemisphere, provide training for Australian...
Descriptors: *Electromagnetism; Maxwell equations; Military communications; Image analysis; Electromagnetic wave propagation; **Directional** patterns (**antenna**); Image quality; Data compression; Animation; Computer aided design; Embedded systems; Computer operating systems; Personnel training
Identifiers: **Image** generation; **Communication** training; Electromagnetic visualization

15/3,K/4 (Item 3 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06107059 E.I. No: EIP02327045205
Title: Multi-band phased array antennas for air-platforms
Author: Tahim, R.S.; Foshee, J.; Chang, K.
Corporate Source: RST Scientific Research, Inc., Anaheim, CA 92802, United States
Conference Title: 2002 IEEE Antennas and Propagation Society International Symposium
Conference Location: San Antonio, TX, United States Conference Date: 20020616-20020621
E.I. Conference No.: 59393
Source: IEEE Antennas and Propagation Society, AP-S International Symposium (Digest) v 4 2002. p 204-207 (IEEE cat n 02ch37313c)
Publication Year: 2002
CODEN: IAPSBG ISSN: 0272-4693
Language: English

...Abstract: global role of the US Military has put an added emphasis on high-data rate **communication** systems. Data from high-resolution **video** , infrared sensors, and various types of radar are now expected to be

readily exchanged among...
...antenna technology which would reduce the size, the cost, simplify the design by lowering the **RF** losses in transmit and receive channels, extend the frequency coverage, and increase the functional capability...
Descriptors: *Antenna phased arrays; Communication systems; Communication satellites; Communication channels (information theory); **Directional** patterns (**antenna**); Electric network synthesis; Phase shifters; Piezoelectric transducers; Natural frequencies; Bandwidth; Data transfer; Military communications; Spacecraft

15/3,K/5 (Item 4 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

05972155 E.I. No: EIP01536790478
Title: Multi-band phased array antennas for wireless communications
Author: Foshee, J.; Tahim, R.S.; Chang, K.
Conference Title: Digital Wireless Communication III
Conference Location: Orlando, FL, United States Conference Date: 20010417-20010418
E.I. Conference No.: 58860
Source: Proceedings of SPIE - The International Society for Optical Engineering v 4395 2001. p 108-118
Publication Year: 2001
CODEN: PSISDG ISSN: 0277-786X
Language: English

...Abstract: information reliably among these many users requires a high data rate and the use of **directional antennas** . The use of **directional antennas** would also tend to reduce the possibility of interference among the users and also reduce the **RF** terminal power consumption requirements. This paper describes a multi-functional phased array antenna design, which...
...Descriptors: antennas; Antenna phased arrays; Electromagnetic wave propagation; Phase shift keying; Frequency division multiplexing; Diplex transmission; **Image communication** systems; Mobile computing; Requirements engineering; Interference suppression; Transmitters; Amplifiers (electronic)

15/3,K/6 (Item 5 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

05052306 E.I. No: EIP98074270172
Title: Adaptive equalization of multipath interference for mobile video signal reception
Author: Lei, Zhichun; Schroeder, Hartmut
Corporate Source: Dortmund Univ, Dortmund, Ger
Source: IEEE Transactions on Broadcasting v 44 n 2 Jun 1998. p 172-181
Publication Year: 1998
CODEN: IETBAC ISSN: 0018-9316
Language: English

...Abstract: multiantenna diversity system to combat fading for mobile reception of video signals a nearly omni- **directional antenna** pattern diagram can be achieved. However ghosts, especially fluttering ghosts,

mainly caused by the fast rotating echo phases and **RF** signal level fluctuation, affect still the picture quality. It is shown that a single GCR...

Descriptors: *Video signal processing; Interference suppression; Reception quality; **Directional** patterns (**antenna**); **Image** quality; Algorithms; Echo suppression; Fading (radio); **Communication** channels (information theory)

15/3,K/7 (Item 6 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

04704017 E.I. No: EIP97053666954

Title: Hardware performance and experimental results of portable digital SNG equipment using a flat antenna

Author: Tanaka, Shoji; Fujita, Masaru; Mitsumoto, Hideo; Murata, Takao; Takano, Kouichi; Imai, Kazuo; Shogen, Kazuyoshi; Toyama, Noboru

Corporate Source: NHK Science and Technical Research Lab, Tokyo, Jpn

Conference Title: Proceedings of the 1996 IEEE Global Telecommunications Conference. Part 2 (of 4)

Conference Location: London, UK Conference Date: 19961118-19961122

E.I. Conference No.: 46413

Source: Conference Record / IEEE Global Telecommunications Conference v 2 1996. IEEE, Piscataway, NJ, USA,96CH35942. p 813-818

Publication Year: 1996

CODEN: CRIEET

Language: English

Abstract: We have developed a Ku-band portable digital Satellite News Gathering (SNG) **RF** terminal and evaluated the hardware performance through experiments. This SNG **RF** terminal employs a 16-planar microstrip subarray antenna and an electronic antenna beam tracking circuit... ...antenna are 60 cm by 60 cm. The terminal can promptly capture the satellite and **transmit** the **video** at 15-Mbps, 11-Mbps, and 7-Mbps coding rates. After satellite transmission experiments, we...

Descriptors: *Satellite communication systems; Microstrip **antennas** ; **Directional** patterns (**antenna**); Standards; Bit error rate; Antenna arrays; Television transmission; Image coding; Telecommunication links ?

19/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06855933 E.I. No: EIP04218170677
Title: Image Systems Using RFID Tag Positioning Information
Author: Nakagawa, Shin'ichi; Soh, Ken'ichiro; Mine, Shin'ichi; Saito, Hiroshi
Corporate Source: NTT Service Integration Laboratories, Musashino-shi, 180-8585, Japan
Source: NTT Technical Review v 1 n 7 October 2003. p 79-83
Publication Year: 2003
ISSN: 1348-3447
Language: English

Abstract: We have developed a system that automatically selects images from particular **cameras** based on RFID (**radio frequency** identification) tags that identify individual persons or objects, thus enabling each user to receive desired...

...if an RFID tag is inserted in the nametag of a kindergarten child and several **cameras** are installed in the kindergarten, the system automatically switches the **transmitted images** according to the child's movements so that the parents can watch their own child...
Descriptors: *Imaging systems; Image processing; Internet; Signal systems ; Network protocols; Global positioning system; **Cameras** ; Personal computers; Frequency agility
Identifiers: Personal handy-phone **system** (PHS); **Radio frequency identification** (RFID); IP networks; **Device** management functions

19/3,K/2 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

2719637 H.W. WILSON RECORD NUMBER: BAST04109528
Privacy in the Global E-Village
Pottie, Gregory J;
Communications of the ACM v. 47 no2 (Feb. 2004) p. 21-3
DOCUMENT TYPE: Feature Article ISSN: 0001-0782

ABSTRACT: The writer considers privacy concerns connected with the use of **RF** identification (RFID) tags. RFID tags offer an available means of binding diverse information collected by sensors and **cameras** to individual items, because each tag has a unique identifier. The tags either actively emit...

...They are also capable of being read remotely, although at relatively short range for small **passive** tags. If coordinated with **camera images** , RFID provides a recipe for automated surveillance. Privacy concerns should be incorporated as an organic...

DESCRIPTORS: **Radio frequency identification systems** ; ;
?

22/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

0000546940 INSPEC Abstract Number: 1961A05174
Title: Observations of the Russian satellites and the structure of the outer terrestrial atmosphere
Author(s): Paetzold, H.K.
Journal: Planetary and Space Science 1 2 p.115-124
Publication Date: April 1959 Country of Publication: UK
Language: English
Subfile: A

...Abstract: made on 20 Mc/s with a direction-finder, which uses three pairs of adcock- **antennas** . The **direction** of the wave front and the amplitude of the received signals can be measured at the front of a television tube. A **movie - camera** registers the **pictures** with a time resolution of 0.1 sec. The accuracy of the measured azimuths is...

22/3,K/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

07112501 E.I. No: EIP04478464438
Title: Smile for the (wireless) camera
Author: Davies, Roger
Source: IEE Communications Engineer v 2 n 5 October/November 2004. p 16-18
Publication Year: 2004
ISSN: 1479-8352
Language: English

Title: Smile for the (wireless) camera
Abstract: The features and benefits of a digital wireless **camera** system are discussed. In the digital **forward** -transmission systems, the **picture** problems are overcome by encoding the **camera** -perfect pictures on MPEG-2, and then transmitting the orthogonal frequency division multiplexing (OFDM)-modulated...
Descriptors: ***Cameras** ; Wireless telecommunication systems; Broadcasting ; Television; Digital signal processing; Orthogonal frequency division multiplexing; Transmitters; Antennas; Signal...
Identifiers: Digital wireless **camera** systems; Electronic designs; Analog transmission systems; Forward error correction (FEC); Omni-**directional antennas**

22/3,K/3 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

00771017 E.I. Monthly No: EI7812091200
Title: VHF TECHNIQUE FOR SPACE-TIME MAPPING OF LIGHTNING DISCHARGE PROCESSES.
Author: Taylor, William L.
Corporate Source: NOAA/Environ Res Lab, Wave Propag Lab, Boulder, Colo
Source: Journal of Geophysical Research v 83 n C7 Jul 20 1978 p 3575-3583

Publication Year: 1978
CODEN: JGREA2 ISSN: 0022-1406
Language: ENGLISH

...Abstract: a pair of horizontally spaced antennas and the elevation from a pair of vertically spaced **antennas** . **Directions** of the individual impulses were represented in real time on a 60 DEGREE azimuth and 30 DEGREE elevation format and **photographed** with a 16-mm **movie camera** . Two stations separated by about 17. 8 km simultaneously recorded direction data for discharges from...

22/3,K/4 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus

05816849 JICST ACCESSION NUMBER: 04A0494298 FILE SEGMENT: JICST-E
Inter-Vehicle Communication Experiments Using IEEE802.11b, 802.11g, and Bluetooth on Urban Roads
NAGAI TOSHIAKI (1); MIZUI KIYOSHI (2)
(1) Kanto Gakuin Univ., Graduate School of Engineering, JPN; (2) Kanto Gakuin Univ., Coll. Engineering, JPN
Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report (Institute of Electronics, Information and Communication Engineers), 2004, VOL.104,NO.51(ITS2004 1-6), PAGE.19-24, FIG.10, REF.10
JOURNAL NUMBER: S0532BBG ISSN NO: 0913-5685
UNIVERSAL DECIMAL CLASSIFICATION: 621.396.73
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

...ABSTRACT: is not good for Inter-Vehicle Communication on urban roads, IEEE 802.11g with a **directional antenna** has a stable performance in situations that two vehicles exist on straight-like road, and IEEE 802.11g with an omni- **directional antenna** is better performance than that with a **directional antenna** when two vehicles exist on the corner of an out-of-sight intersection. (author abst.)
...DESCRIPTORS: **picture communication** ; ...

... **moving image** ; ...

...CCD **camera**
...BROADER DESCRIPTORS: video **camera** ; ...

... **camera** ;
?

27/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

09513799 INSPEC Abstract Number: B2005-09-6250F-222, C2005-09-5620L-069
Title: Open standards for CBTC and CCTV radio-based communication
Journal: Alcatel Telecommunications Review no.2 p.243-52
Publisher: Compagnie Financiere Alcatel,
Publication Date: 2004 Country of Publication: France
CODEN: ATREFX ISSN: 1242-0565
SICI: 1242-0565(2004)2L.243:OSCC;1-D
Material Identity Number: D445-2004-005
Language: English
Subfile: B C

Abstract: Alcatel is pioneering the implementation of an open **radio frequency** (**RF**) communication technology, based on the Institute for Electrical and Electronics Engineers (IEEE) 802.11 frequency...

... the first train control system to be based on open communication standards. CCTV provides security; **cameras** onboard trains **transmit video** to operation control via the radio link.
...Identifiers: **radio frequency** communication technology

27/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

09157134 INSPEC Abstract Number: B2004-12-1265F-033, C2004-12-5130-025
Title: Remote observation station
Author(s): Dreher, R.
Journal: Circuit Cellar no.162 p.26-35
Publisher: Circuit Cellar Inc,
Publication Date: Jan. 2004 Country of Publication: USA
CODEN: CCIEBN ISSN: 0896-8985
SICI: 0896-8985(200401)162L.26:ROS;1-G
Material Identity Number: N534-2004-001
Language: English
Subfile: B C

...Abstract: based photovoltaic charge controller. The Remote Observation Station integrates six main components: a CCD video **camera** , a PV solar panel, a rechargeable battery, a temperature sensor, an **RF video transmitter** , and the PVCC. The control board, which is based on Motorola's MC68HC908QY4 microcontroller, sits...
...Identifiers: CCD video **camera** ; ...

... **RF video transmitter** ;

27/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

08891185 INSPEC Abstract Number: B2004-04-6250-188, C2004-04-3390T-009

Title: The wireless controlled unmanned vehicle system with vision system
Author(s): Hee Chang Moon; Woon Sung Lee; Jung Ha Kim
Author Affiliation: Graduate Sch. of Automotive Eng., Kookmin Univ., Seoul, South Korea
Conference Title: Proceedings of the IASTED International Conference Modelling and Simulation p.419-24
Editor(s): Hamza, M.H.
Publisher: ACTA Press, Anaheim, CA, USA
Publication Date: 2003 Country of Publication: USA vi+674 pp.
ISBN: 0 88986 337 7 Material Identity Number: XX-2003-00050
Conference Title: Modelling and Simulation (MS)
Conference Date: 24-26 Feb. 2003 Conference Location: Palm Springs, CA, USA
Language: English
Subfile: B C

...Abstract: is classified by three major components. First, the vision system is composed of small CCD **camera** , wireless **video transmitter** and receiver, and host computer. Second, the vehicle control system which is combined with sensors...

... value from it. Therefore, we designed real time full duplex communication method by using wireless **RF** modules. Finally, we will make a miniaturized unmanned vehicle by using vision system. And also, we suggest the control method of vehicle and the wireless **RF** communication method.
...Identifiers: CCD **camera** ; ...

...wireless **video transmitter** ; ...

...wireless **RF** communication

27/3,K/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC

07528575 INSPEC Abstract Number: B2000-04-0100-070
Title: 1999 Digest of Technical Papers. International Conference on Consumer Electronics (Cat. No.99CH36277)
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 1999 Country of Publication: USA 377 pp.
ISBN: 0 7803 5123 1 Material Identity Number: XX-1999-02141
U.S. Copyright Clearance Center Code: 99/$10.00
Conference Title: 1999 Digest of Technical Papers. International Conference on Consumer Electronics
Conference Sponsor: Consumer Electron. Soc
Conference Date: 22-24 June 1999 Conference Location: Los Angeles, CA, USA
Language: English
Subfile: B

Abstract: The following topics were dealt with: data **broadcasting** ; digital audio; home networks; **video** codec implementation; signal acquisition; video and still **cameras** ; encryption and copy protection; memory efficient **video** decoders; terrestrial **broadcast transmission**

issues; **video** signal processing; multimedia systems; **video** coding; **RF** signal acquisition and modulation; digital disc and tape; digital connectivity; MPEG-4 applications and implementation...
...Descriptors: video **cameras** ;
...Identifiers: video **cameras** ; ...

...still **cameras** ; ...

... **RF** signal acquisition

27/3,K/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

07386225 INSPEC Abstract Number: B1999-12-0100-011
Title: International Conference on Consumer Electronics
Journal: IEEE Transactions on Consumer Electronics vol.45, no.3
Publisher: IEEE,
Publication Date: Aug. 1999 Country of Publication: USA
CODEN: ITCEDA ISSN: 0098-3063
Material Identity Number: I273-1999-003
U.S. Copyright Clearance Center Code: 99/$10.00
Conference Title: International Conference on Consumer Electronics
Conference Date: 22-24 June 1999 Conference Location: Los Angeles, CA, USA
Language: English
Subfile: B

Abstract: The following topics were dealt with: data **broadcasting** ; digital audio; home networks; **video** codec implementation; signal acquisition; video and still **cameras** ; encryption and copy protection; memory efficient **video** decoders; terrestrial **broadcast transmission** issues; **video** signal processing; multimedia systems; **video** coding; **RF** signal acquisition and modulation; digital disc and tape; digital connectivity; MPEG-4 applications and implementation...
...Descriptors: video **cameras** ;
...Identifiers: video **cameras** ; ...

...still **cameras** ; ...

... **RF** signal acquisition

27/3,K/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

0000944629 INSPEC Abstract Number: 1968B08678
Title: Closed-circuit television applied to underground railway operation
Author(s): Stach, M.
Journal: Siemens Review 34 12 p.479-480
Publication Date: Dec. 1967 Country of Publication: Germany
Language: English
Subfile: B

...Abstract: train, on which the platform can be seen 100 m before arrival. After departure the **picture** of the platform is **transmitted** until the train is 100 m into the tunnel. The t.v. **camera** on the platform is positioned so that it covers the whole platform. The **video** signal modulates a **transmitter** , whose **RF** signal is received by an antenna at the front of the train.

27/3,K/7 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS

1327411 NTIS Accession Number: DE87009583
Use a Single FM Microwave Link for Two Black-and-White Cameras
Rufer, R. P.
Lawrence Livermore National Lab., CA.
Corp. Source Codes: 068147000; 9513035
Sponsor: Department of Energy, Washington, DC.
Report No.: UCRL-95782; CONF-870743-4
15 Jul 87 4p
Languages: English Document Type: Conference proceeding
Journal Announcement: GRAI8724; NSA1200
Carnahan conference on security technology, Atlanta, GA, USA, 15 Jul 1987.
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NTIS Prices: PC A02/MF A01

Use a Single FM Microwave Link for Two Black-and-White Cameras
Many microwave systems today **transmit** high-quality **video** signals. Some of these systems are outstanding in quality, with technical performance significantly better than...

... you don't exceed the bandwidth limitations. This approach effectively conserves valuable space in the **radio frequency** spectrum. (ERA citation 12:035533)
Identifiers: ERDA/440300; ERDA/055001; Television **cameras** ; NTISDE

27/3,K/8 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06907175 E.I. No: EIP04258227279
Title: Microphotography and wireless transmission system for micro aerial vehicles
Author: Jin, Min; Ye, Xiongying; Zhou, Zhaoying; Xiong, Shenshu; Wei, Qiang; Suo, Liyang
Corporate Source: Dept. of Precision Instrum. Tsinghua Univ., Beijing 100084, China
Source: Qinghua Daxue Xuebao/Journal of Tsinghua University v 44 n 2 February 2004. p 194-196+200
Publication Year: 2004
CODEN: QDXKE8 ISSN: 1000-0054
Language: Chinese

...Abstract: but with high performance. This paper describes the system components in the microphotography unit, the **radio frequency** unit and the reception station. The parts in the MAVs weigh 16 g (including the **camera** and the antenna) with a size of 30 mm multiplied by 40 mm multiplied by 5 mm. The system can **transmit** and receive real-time **video** and has a practicable distance of 1 km (line of sight). The system provides a...

Identifiers: Aviatic communication device; Micro aerial vehicles; Microphotography; Wireless **transmission** ; Real time **video**

27/3,K/9 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

06776646 E.I. No: EIP04138082274

Title: The wireless controlled unmanned vehicle system with vision system

Author: Moon, Hee Chang; Lee, Woon Sung; Kim, Jung Ha

Corporate Source: Grad. Sch. of Automotive Engineering Kookmin University, Sungbuk ku, Seoul 136-702, South Korea

Conference Title: Proceedings of the IASTED International Conference on Modelling and Simulation

Conference Location: Palm Springs, CA, United States Conference Date: 20030224-20030226

E.I. Conference No.: 62479

Source: Proceedings of the IASTED International Conference on Modelling and Simulation 2003.

Publication Year: 2003

ISBN: 0889863377

Language: English

...Abstract: is classified by three major components. First, the vision system is composed of small CCD **camera** , wireless **video transmitter** and receiver, and host computer. Second, the vehicle control system which is combined with sensors...

...value from it. Therefore, we designed real time full duplex communication method by using wireless **RF** modules. Finally, we will make a miniaturized unmanned vehicle by using vision system. And also, we suggest the control method of vehicle and the wireless **RF** communication method. 10 Refs.

Descriptors: *Unmanned vehicles; Autonomous agents; Charge coupled devices; **Cameras** ; Transmitters; Servomotors; Sensors; Control system analysis; Microprocessor chips; Pulse width modulation; Light emitting diodes; Frequencies...

Identifiers: Vision system; Ultrasonic sensors; **RF** communication; Lane detection

27/3,K/10 (Item 3 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

05825056 E.I. No: EIP01216516781

Title: Wireless capsule endoscopy of the small-bowel. Development, testing and first human trials

Author: Swain, P.; Iddan, G.; Meron, G.; Glukhovsky, A.

Corporate Source: Royal London Hospital, Whitechapel, London E1 1BB,

United Kingdom
Conference Title: Biomonitoring and Endoscopy Technologies
Conference Location: Amsterdam, Netherlands Conference Date: 20000705-20000706
E.I. Conference No.: 58026
Source: Proceedings of SPIE - The International Society for Optical Engineering v 4158 2001. p 19-23
Publication Year: 2001
CODEN: PSISDG ISSN: 0277-786X
Language: English

...Abstract: miniature processor, white light emitting diodes (LEDs), a short focal length lens, and a miniature **transmitter** and antenna. Two **video** frames per second were **transmitted** , using **radio - frequency** (approx. 410 MHz), to an array of aerials attached to the body. The array of...
Descriptors: *Endoscopy; Medical imaging; Radio systems; CMOS integrated circuits; Video **cameras** ; Microprocessor chips; Image analysis; Radio transmission; Light emitting diodes; Optical instrument lenses; Antenna arrays

27/3,K/11 (Item 4 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

05112057 E.I. No: EIP98094371753
Title: Signal convolution of recorded free-field gunshot sounds
Author: Koenig, Bruce E.; Hoffman, Shawn M.; Nakasone, Hirotaka; Beck, Steven D.
Corporate Source: BEK TEK, Clifton, VA, USA
Source: AES: Journal of the Audio Engineering Society v 46 n 7-8 Jul-Aug 1998. p 634-651
Publication Year: 1998
CODEN: JAEAFO ISSN: 0004-7554
Language: English

Abstract: A field experiment was conducted using standard digital and analog recorders, telephone lines, a miniature **radio - frequency transmitter** -receiver system, and a **video** camcorder. Two pistols, two revolvers, and a shotgun were fired on an outdoor range three...
Descriptors: *Acoustic signal processing; Convolution; Sound recording; Radio receivers; Radio **transmission** ; **Video cameras** ; Microphones; Telephone lines; Guns (armament); Waveform analysis

27/3,K/12 (Item 5 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

03053635 E.I. Monthly No: EIM9104-017552
Title: Onboard television transmission from a supersonic vehicle.
Author: Rose, Robert P.
Corporate Source: Naval Weapons Cent, China Lake, CA, USA
Conference Title: International Telemetering Conference - ITC/USA '90
Conference Location: Las Vegas, NV, USA Conference Date: 19901029
E.I. Conference No.: 14261
Source: International Telemetering Conference (Proceedings) v 26. Publ by Int Foundation for Telemetering, Woodland Hills, CA, USA. p 159-163

Publication Year: 1990
CODEN: ITCOD6 ISSN: 0884-5123
Language: English

Abstract: A telemetry system designed to **photograph** and **transmit** views of a working recovery system. The system utilizes a 5-inch diameter vehicle fitted with a 1/1000-second electronically shuttered **video camera** and a wideband telemetry **transmitter** with a pulse code modulation left bracket PCM right bracket signal sent via a second **radio frequency** left bracket **RF** right bracket channel. (Author abstract) 3 Refs.

...Descriptors: Supersonic Speeds; **CAMERAS**
Identifiers: ON-BOARD TV **TRANSMISSION** ; **VIDEO CAMERAS**
?

```
? show files; ds; save temp; logoff hold
File   9:Business & Industry(R) Jul/1994-2005/Nov 15
         (c) 2005  The Gale Group
File  15:ABI/Inform(R) 1971-2005/Nov 16
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Nov 16
         (c) 2005 The Gale Group
File  20:Dialog Global Reporter 1997-2005/Nov 16
         (c) 2005 Dialog
File  47:Gale Group Magazine DB(TM) 1959-2005/Nov 16
         (c) 2005 The Gale group
File  75:TGG Management Contents(R) 86-2005/Nov W1
         (c) 2005 The Gale Group
File  80:TGG Aerospace/Def.Mkts(R) 1982-2005/Nov 15
         (c) 2005 The Gale Group
File  88:Gale Group Business A.R.T.S. 1976-2005/Nov 16
         (c) 2005 The Gale Group
File  98:General Sci Abs/Full-Text 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
         (c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Dec
         (c) 2005 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2005/Nov 16
         (c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Nov 15
         (c) 2005 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2005/Nov 15
         (c) 2005 Dialog
File 484:Periodical Abs Plustext 1986-2005/Nov W1
         (c) 2005 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
         (c) 2005 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2005/Nov 15
         (c) 2005 The Gale Group
File 608:KR/T Bus.News. 1992-2005/Nov 16
         (c)2005 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2005/Oct 19
         (c) 2005 Economist Intelligence Unit
File 613:PR Newswire 1999-2005/Nov 16
         (c) 2005 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Nov 16
         (c) 2005 The Gale Group
File 623:Business Week 1985-2005/Nov 10
         (c) 2005 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2005/Nov 16
         (c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2005/Nov 15
         (c) 2005 San Jose Mercury News
File 635:Business Dateline(R) 1985-2005/Nov 16
         (c) 2005 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2005/Nov 16
         (c) 2005 The Gale Group
File 647:CMP  Computer Fulltext 1988-2005/Nov W1
         (c) 2005 CMP Media, LLC
File 696:DIALOG Telecom. Newsletters 1995-2005/Nov 15
         (c) 2005 Dialog
File 674:Computer News Fulltext 1989-2005/Oct W2
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         (c) 2005 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 587:Jane`s Defense&Aerospace 2005/Nov W2
         (c) 2005 Jane`s Information Group

Set     Items   Description
S1      77897   VIDEO(3N)TRANSMI?
S2    1216783   CAMERA? ?
S3   13308460   S PICTURE? ? OR IMAGE?? OR PICTURE?? OR JPEG?? OR PHOTO?? -
             OR GIF?? OR VIDEO OR PHOTOGRAPH??
S4    1067840   S3(7N)(SEND??? OR TRANSFER??? OR FORWARD??? OR PASS??? OR -
             MOV??? OR TRANSMIT??? OR BROADCAST??? OR COMMUNICAT???)
S5     435422   RF OR RADIO()FREQUENC?
S6     223662   (IDENTIFICATION? ? OR IDENTIF?)(3N)(MEANS OR DEVICE? ? OR -
             SYSTEM? ?  OR APPARATUS? OR EQUIPMENT? ?)
S7       6330   DIRECTION?(3N)ANTENNA? ?
S8       9960   LOCAT?(3N)SIGNAL? ?
S9      13951   SERVO(3N)CONTROL?
S10         0   AU=(AUFFRET, E? OR AUFFRET E?)
S11         2   S2(S)S4(S)S5(S)S7
S12         2   RD (unique items)
S13       386   S2(S)S4(S)S5
S14         2   S13(S)S7
S15         0   S14 NOT S12
S16     30962   S1(S)S3(S)S4
S17         2   S16(S)S9
S18         2   S17 NOT (S14 OR S12)
S19       102   S6(S)S5(S)S2
S20         2   S19(S)S7
S21         1   S20 NOT (S18 OR S14 OR S12)
S22     30980   S1(S)S4
S23       417   S22(S)S5
S24         1   S23(S)S9
```

12/3,K/1 (Item 1 from file: 587)
DIALOG(R)File 587:Jane`s Defense&Aerospace

10942574 Word Count:1289
US military to receive tactical C4ISR network
JANE'S DEFENCE WEEKLY (JDW) October 26, 2005 v.042 no. 044
Section Heading: ARMED FORCES
By: SCOTT GOURLEY JDW Correspondent\California

...held computer, Tactisight helmet-mounted display
and combat controller.

The Tactisight inc- ludes a CMOS **camera** and LCD display that allows warfighters to transmit what they see, know where they are...

...computer, and electro-optical technologies
before selecting the current design package, which he described as
" **RF** -agnostic".

"We can pick any technology for transmission that we choose to be the best...

...1.5 hand-helds and 20 km and 50 km respectively for the
omnidirectional and **directional antennas** .
"We're able to stream video at over 10 frames per second with
simultaneous VoIP...

...computers," he added.

Pointing to the video converter module, Osterhout said: "This converts any NTSC **camera** automatically to high-quality MPEG-4, 30 frames per second, 16-bit colour. So a...

...pounds at a cost of USD8,000 in quantity. You have
situational awareness, you can **send** and receive **video** , you have VoIP, text chat, a JVMF [joint variable message format] map parser, which means...

12/3,K/2 (Item 2 from file: 587)
DIALOG(R)File 587:Jane`s Defense&Aerospace

10905654 Word Count:5119
The last line of defence
JANE'S NAVY INTERNATIONAL (JNI) MARCH 01, 2002 v.107 no. 002
Section Heading: COVER FEATURE
By: Richard Scott

...missile, designed as an autonomous, quick-reaction, all-
weather, fire-and-forget system using passive **radio**
frequency /infrared (**RF** /IR) dual-mode guidance. The complete RAM Mk 31 Guided Missile Weapon System combines the...

...RIM-
116B, (Block 1).

In its initial configuration (Block 0), RAM was designed to engage

18/3,K/1 (Item 1 from file: 141)
DIALOG(R)File 141:Readers Guide

03536876 H.W. WILSON RECORD NUMBER: BRGA97036876 (USE FORMAT 7 FOR FULLTEXT)
Industry resources 1997/1998.
AUGMENTED TITLE: special issue
TCI (TCI) v. 31 (June/July '97) p. 14-18+
WORD COUNT: 215730

(USE FORMAT 7 FOR FULLTEXT)

TEXT:
... effects and show action equipment. Experience includes design of Windows touchscreen user interfaces, PLC and **servo** motion **controls** , and stunt safety systems. (Est. 1984)

THE BLACK BAG CO.
PO Box 15786, North Hollywood...Supply, Electro-Voice, Nady, PSC, Rycote, Samson, Sennheiser, Shure Bros., Sony, Telex, Tram
DESIGN: Comprehensive **Video** Supply, Roscolux
ELECTRICAL EQPT: Anton-Bauer, Applied Electronics, Channel One Lighting Systems, Cine 60, Colortran...

18/3,K/2 (Item 1 from file: 587)
DIALOG(R)File 587:Jane`s Defense&Aerospace

10894783 Word Count:5323
Minehunting sonars see more clearly
JANE'S NAVY INTERNATIONAL (JNI) JUNE 01, 2001 v.106 no. 005
Section Heading: FEATURE
By: Rupert Pengelley

...navigation systems.
In addition to the wet end, system components include a pre-amplifier, transceiver, **servo** **control** unit, **servo** transformer unit, and a control and display unit. The latter has two high-resolution 20in...over 10kt. The snorkel mast provides a platform for communications antennas and an obstacle-avoidance **video** camera. The RMV also has a **forward** -looking sonar in its nose module for the avoidance of underwater obstacles.

The second element...

...lower-rate link for over-the-horizon operations that will support 'snapshot' sonar data and **video** **imagery** **transmissions** . Satellite **communication** links could be introduced to permit long-haul high-bandwidth transmissions in truly long-range...
...for airborne minehunting applications. This embodies a laser-based electro-optical identification (EOID) system or **imager** , in addition to the standard AQS-20 sensor fit of port and starboard side-looking...automated comparisons of the seabed, and pattern recognition algorithms. "To this end, a new sonar **image** processing station is

being developed to analyse single and multibeam SSS data using novel database...

...is carried out aboard the parent vessel operating in a previously swept channel.

The Dorado **passes** real-time sonar **imagery** to the MCMV via a C-Spec command link with a range of up to...

...that French workstation developments for the FDS3 system could be applicable to RMS, just as **image** processing capabilities developed by MacDonald Dettwiler could be of interest to French contractor DCN International...

...Establishment, Valcartier (DREV) is experimenting with its Lucie gated laser imaging system, which promises improved **image** resolution in turbid waters and at a cheaper price than laser line-scan systems.

..

21/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

34567040 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CTIA Wireless 2004 Exhibitor Profiles
BUSINESS WIRE
March 22, 2004
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 9836

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... modem to their PC or PDA - via Bluetooth, USB or Ethernet interfaces - and point the **antenna** in the **direction** of the satellite. It doesn't matter where the user is within the coverage area...barcode and other applications. Products in development include 2.0MP Mobile Digital Imaging Chip for **camera** phones and PDAs. Company: Paymentech Booth/Stand: 4052 Media Contact: Laura Lambeth Phone: 214 849...Product Description: PolyPhaser has released a new line of dc-pass protectors for protection of **RF** systems requiring dc to power up Tower Top Electronics or active antennas. Units are available...

...services, Aeroflex assists customers within the wireless communications, avionics, catv, satellite and radar markets. Company: **Radio Frequency** Systems Booth/Stand: 3147 Media Contact: Ann Polanski Phone: (2030 630-3311 x 1221 E...

...URL: http://www.rfsworld.com/index.php?sid= 9c85988c9528ba39e51fd1a23051 63d3&p=104&l=1 Product description: **Radio Frequency** Systems offers a complete line of base station antennas, microwave antennas, filters and combiners, repeaters...

... cables, factory-made jumper assemblies, connectors and a large variety of installation accessories. Company description: **Radio Frequency** Systems is a global designer and manufacturer of cable and antenna systems, providing total-package...

... of New & Used phones arriving daily. Over 1 million OEM repair parts in stock. Company: **RF** Micro Devices Ticker Symbol: Nasdaq: RFMD Booth/Stand: 1821 Media Contact: Irma Swain Investor Relations...

... description: Along with our PowerStarTM PA modules with first-to-market integrated power control circuitry, **RF** Micro Devices' product portfolio also includes our POLARIS(TM) TOTAL RADIO(TM) transceivers, WLAN solutions ...
... applications, chipsets for GPS and satellite radio products and devices for wireless infrastructure. Company description: **RF** Micro Devices is the world's number one provider of power amplifiers for handsets and... to-use solution for wireless communication. Available in several formats, WISMO contains digital, baseband and **radio frequency** hardware and software that offer application developers a complete wireless solution. Fully integrated and field...

... structure searching, integrated from their award winning PowerSearch product. Wireless Applications, Corp. provides GIS Mapping, **RF** Engineering; intense Cellular/PCS market online research and Microwave FCC consulting services. WAC also specializes...

24/3,K/1 (Item 1 from file: 141)
DIALOG(R)File 141:Readers Guide

03536876 H.W. WILSON RECORD NUMBER: BRGA97036876 (USE FORMAT 7 FOR FULLTEXT)
Industry resources 1997/1998.
AUGMENTED TITLE: special issue
TCI (TCI) v. 31 (June/July '97) p. 14-18+
WORD COUNT: 215730

(USE FORMAT 7 FOR FULLTEXT)

TEXT:
... effects and show action equipment. Experience includes design of Windows touchscreen user interfaces, PLC and **servo** motion **controls** , and stunt safety systems. (Est. 1984)

THE BLACK BAG CO.
PO Box 15786, North Hollywood...Supply, Electro-Voice, Nady, PSC, Rycote, Samson, Sennheiser, Shure Bros., Sony, Telex, Tram
DESIGN: Comprehensive **Video** Supply, Roscolux
ELECTRICAL EQPT: Anton-Bauer, Applied Electronics, Channel One Lighting Systems, Cine 60, Colortran...
?

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **09-322136**

(43)Date of publication of application : **12.12.1997**

(51)Int.Cl. **H04N 7/14**
G06T 7/20

(21)Application number : **08-134843**

(22)Date of filing : **29.05.1996**

(71)Applicant : **SHARP CORP**

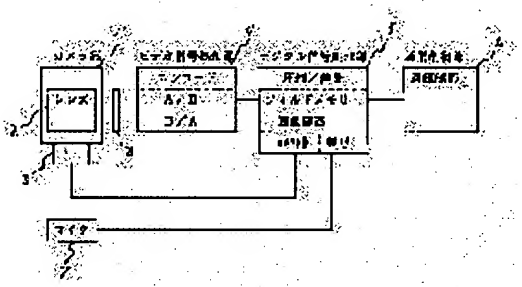
(72)Inventor : **IZUMI KAZUYOSHI**

(54) IMAGE TRANSMITTER

(57)Abstract:

PROBLEM TO BE SOLVED: To select automatically a specific talker making a speech at present among a plurality of talkers in the image transmitter for a video conference system or the like.

SOLUTION: The image transmitter having a communication control section making communication through the use of a telephone line, a digital signal processing section 5 compressing/expanding communication data, a video signal processing section 4 displaying a sent image or a received image, and a camera section 1 used for an input section of a transmission image and driven vertically and horizontally is provided with an image recognition means identifying image data from the camera section and the image recognition means applies recognition processing to the image data from the camera to specify one talker among a plurality of talkers so as to move the camera automatically in a direction of the specific talker.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

* NOTICES *

1.This document has been translated by computer. So the translation may not reflect the original precisely.
2.**** shows the word which can not be translated.
3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]
[Claim 1] The communications control section which communicates using the telephone line, and the digital-signal-processing section which compresses / elongates commo data, In picture transmission equipment equipped with the camera section which is used as the video signal processing section which displays the transmitted image or the received image, and the input section of an image which transmits and which can be driven vertically and horizontally Establish an image recognition means to identify the image data from the above-mentioned camera section, and one speaker is specified out of two or more speakers by carrying out recognition processing of the image data from said camera in this image recognition means. Picture transmission equipment characterized by making it move said camera in the direction of a specified speaker automatically.
[Claim 2] Picture transmission equipment according to claim 1 characterized by specifying a speaker by motion of the month.

[Translation done.]

* NOTICES *

1.This document has been translated by computer. So the translation may not reflect the original precisely.
2.**** shows the word which can not be translated.
3.In the drawings, any words are not translated.

DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Field of the Invention] This invention relates to picture transmission equipments, such as still picture transmission equipment, animation transmission equipment, a TV phone, and a video conference system. [0002]
[Description of the Prior Art] The functional block diagram of the conventional image transmission equipment is shown in drawing 7 . In the camera section 101, image formation of the reflected light from a photographic subject is carried out to a solid state image sensor (Following CCD is called) 103 through a lens 102. In this CCD103, incident light is changed into an electrical signal by photo electric conversion, and is inputted into the video signal processing section 104 as horizontal serial data of an image. After data processing of the incident light here is carried out to a luminance signal and a color-difference signal, it is changed into a several bits digital signal through an analogue-to-digital (A/D) transducer, and is transmitted to the digital-signal-processing section 105.
[0003] The digital signal inputted into the digital-signal-processing section 105 is written in a field memory as data which coding processing was performed and were compressed. It encodes, after the sound signal from a microphone 107 is also changed into a digital signal here, and it is written in memory. In order that the image data written in the field memory may display, they are transmitted to the communications control section 106 by a user's volition display, and are transmitted to a communications partner through a general analog circuit or an ISDN circuit at the same time it is transmitted to the video signal processing section 104.
[0004] Post-encoding processing changed into the analog signal by the digital analog (D/A) transducer is performed, and the image data transmitted to the video signal processing section 104 are outputted to an external monitor as a composite signal. On the other hand, the image/voice data transmitted to the communications control section 106 perform network control of a general analog circuit or an ISDN circuit, and protocol control in the communications control section 106, and transmission is started.
[0005] The above is the flow of the signal by the side of a communicative informer, and, in by the side of a sink, this reverse process is followed. That is, the image/voice data sent from the general analog circuit or the ISDN circuit are inputted into the digital-signal-processing section 105 through the communications control section 106. These received data are the encoded compressed data. In the digital-signal-processing section 105, compressed data is decoded at the same time the writing to a field memory is performed, and it transmits to the video signal processing section 104, it is changed into a composite signal by the post-encoding processing changed into the analog signal by the digital-to-analog converter, and is outputted to an external monitor. The camera section 101 used here was what takes a photograph by connecting attachment or the camera equipment of a commercial item to picture transmission equipment. Therefore, with the attached camera, when a direction was changed for a camera to the specified speaker in two or more speakers, although there was also a thing in which remote motor operation is possible, turning a camera in the direction of a specified speaker manually with the camera of a commercial item, in order that there may be no control line for remote operation

was only completed. make it any -- with the conventional technique, while the speaker looked at the monitor to photo the speaker of a meeting and checked more in which location it would be hand control or electric to photo, the lens section of a camera was moved vertically and horizontally until the specified speaker came in the center of a monitor.
[0006]
[Problem(s) to be Solved by the Invention] in order to photo the speaker under meeting, while looking at a monitor in a Prior art -- hand control -- or it was electric and the camera location had to be adjusted, and it was not able to concentrate on the subject for discussion or subject of a meeting until adjustment was completed. Moreover, the specific speaker was extracted, only the approach of expanding electrically could be done but there was a problem that resolution fell. This invention is made in view of the above-mentioned technical problem, and the picture transmission equipment which can choose automatically the specified speaker which is carrying out the current talk from two or more speakers is offered.
[0007]
[Means for Solving the Problem] The communications control section with which invention of claim 1 communicates using the telephone line, and the digital-signal-processing section which compresses / elongates commo data, In picture transmission equipment equipped with the camera section which is used as the video signal processing section which displays the transmitted image or the received image, and the input section of an image which transmits and which can be driven vertically and horizontally Establish an image recognition means to identify the image data from the above-mentioned camera section, and one speaker is specified out of two or more speakers by carrying out recognition processing of the image data from said camera in this image recognition means. It is characterized by making it move said camera in the direction of a specified speaker automatically, and invention of claim 2 is characterized by specifying a speaker by motion of the month in invention of above-mentioned claim 1.
[0008] Since the specified speaker which is carrying out the current talk can be automatically chosen from two or more speakers with picture transmission equipments, such as the above-mentioned picture transmission equipment ****** and TV conference system, the meeting advance with the same sufficient effectiveness as the usual meeting where two or more speakers sit is attained.
[0009]
[Embodiment of the Invention] Hereafter, the gestalt of operation of this invention is explained. Drawing 1 is the functional block diagram of the image transmission equipment concerning this invention. In the image transmission equipment of drawing 1 , first, back analogue-to-digital (A/D) conversion changed into the luminance signal and the color-difference signal in the video signal processing section 4 via the solid state image sensor (CCD) 8 is performed, and the image captured from the camera section 1 is inputted into the digital-signal-processing section 5.
[0010] The digital signal inputted into the digital-signal-processing section 5 is written in a field memory as data which coding processing was performed and were compressed. After the sound signal from a microphone 7 is also changed into a digital signal here, it encodes and is written in fill DOMEMORI. Moreover, in this digital-signal-processing section 5, while the feature extraction of an image, detection of a motion vector, recognition processing of a feature-extraction image, etc. are mainly performed, generation of the roll control signal which performs the roll control of the camera section 1, image memory control, and compression/expanding of an image are performed. That is, although two or more speakers who perform a meeting or an arrangement are photoed by the video signal inputted from the lens 2 of said camera section 1, the month of the speaker of these plurality is extracted, it distinguishes whether it is moving now, and the speaker who has an intense motion of a motion most out of two or more speakers by this is specified. And the specified speaker drives the electromagnet 3 of the camera section 1, and changes the sense of a camera so that it may be located in the center of the video signal from a lens 2. That is, one person will be specified from two or more speakers, and automatic tracking by which a camera is always suitable in the direction of the specific person will be performed.
[0011] Here, whether a speaker's month is moving uses the technique of the following motion vector

detecting methods. It divides roughly into the motion vector detecting method, and there is the following three technique.
** Take an absolute value difference, extracting a representation point and already shifting image and location of one of the two from image of one of the two, among the images of two sheets which continued in between representation point matching Noritoki, and carry out addition accumulation about all representation points. The image of two sheets calculates the amount of bias from which the accumulation value serves as min as what has the highest correlation, and at least the ** calculates an amount as a motion vector.
[0012] ** Ask for a motion vector by the ratio of the time inclination of a brightness value, and spatial inclination from the image of two sheets which continued in between inclination Noritoki. There is a repetitive gradient method which simplifies count to this gradient method and raises detection precision by repeated calculation.
[0013] ** Ask for a motion vector using the phase section of the fourier transform coefficient of the image of two sheets which continued in between phase correlation Noritoki reflecting the rate. This approach has huge computational complexity. Here, it considered as the circuitry which used the representation point matching method.
[0014] In addition, the image data digitized from the above-mentioned camera section 1 is transmitted to the communications control section 6 which performs line control as data compressed in this digital-signal-processing section 5, and is transmitted through a dial-up line. The block diagram showing the configuration of a motion vector detecting element [in / in drawing 2 / the above-mentioned image transmission equipment] and drawing 3 are the detail block diagrams of the motion vector detector used for this detecting element. The CCD signal-processing section in which 8 processes CCD and 9 processes the signal from CCD8 in these drawing 2 and drawing 3 , The motion vector detector with which 10 detects a motion vector based on the luminance signal from the CCD signal-processing section 9, After the luminance signal which 11 was a central processing unit (CPU), and processed the signal from said CCD8 and was acquired was changed into the digital signal through A/D converter 12 in the motion vector detector 10, The signal which passed along the Rhine interpolator 13 which amends the location gap between Rhine of the odd number field and the even number field, and passed the 2-character dimension low pass filter (LPF) 14 is sampled, and is recorded on the representation point memory 15 as a representation point. between the brightness values of each pixel of the present field which is called to the representation point Rhine memory 16 as a representation point of the front field, and is outputted from a low pass filter 14 in the next field -- the absolute value difference circuit 17 -- an absolute value -- difference is taken and it is inputted into the adder 18 of the next step. The output of the accumulation memory 19 is connected to another input terminal of this adder 18, and an addition result is recorded on the accumulation memory 19, and goes. If the operation of these single strings is performed over all scans of TV scan, the accumulation function corresponding to the two-dimensional address will be obtained by the accumulation memory 19. The address corresponding to the cel which takes the inner minimum value of the contents of the accumulation memory 19 after that is detected as a motion vector. The detected motion vector specifies the speaker who has a motion most for every second [about] with a central processing unit 12. If a speaker is specified, it will control so that the electromagnet 3 (refer to drawing 1) attached in the camera is driven and the speaker comes in the center of the image from a camera.
[0015] The expansion front view of the camera section is shown in drawing 4 , and the expansion horizontal side Fig. of the camera section is shown in drawing 5 . The interior of the camera unit section 21 which contained the lens 20, the posterior part of this camera unit section 21, and anterior part are equipped with electromagnets 22, 23, and 24. Moreover, the electromagnets 25 and 26 for a camera drive approach right and left of the camera unit section 23, respectively, and it is arranged, and the electromagnets 27 and 28 for the camera vertical direction drive also approach the lower part of the camera unit section 21 further, and it is arranged. A current does not flow in the coil section of each electromagnet, but when changing the direction of the camera unit section 21, it is controlled by the initial state so that a current flows according to each. For example, when changing the camera unit

section 21 leftward (it faces to a camera and is the left), a current is passed on an electromagnet 28. Then, it is drawn by the permanent magnet 22 in the anterior part of the camera unit section 21, and the lens section moves leftward. The rate which moves is controlled so that the speaker specified from the video signal from a lens comes in the center. For migration in the vertical direction, will decrease the current to which a upward photographic subject is flowed on the electromagnet 27 by the side of the camera unit bottom presence section at the time of photography, it will be made for the posterior part of the camera unit section 21 to fall to the bottom, and, as a result, the lens section will turn to above. When turning the lens section to the bottom, it is reverse and the lens section is placed upside down by the thing [decreasing the magnetism of the electromagnet 28 by the side of a camera base posterior part, and making the magnetism of an electromagnet 27 increase].

[0016] The detail circuit block diagram of the image transmission equipment of this invention is shown in drawing 6 . The camera section which consists of CCD which 1 mentioned above, a lens, etc. in this drawing 6 , The video output section to which 30 outputs an NTSC signal, and 4 are the video signal processing sections mentioned above. CCD signal processing It consists of D/A transducer 33 grades which carry out D/A conversion of the signal from the motion vector detector 10 which performs signal lost-motion vector detection from the CCD signal-processing section 9 and the CCD signal-processing section 9 to perform, the A/D-conversion section 31 which performs A/D-conversion processing, an encoder 32, and an encoder 32. 5 is the digital-signal-processing section mentioned above, and consists of the memory control section 34 which performs memory control, buffer memory 35, DSP36 for image codecs, buffer memory 37, an image memory 38, a camera drive control section 39 that performs camera drive control, the image recognition section 40 which performs image recognition, and microprocessor (CPU) 11 grade. 6 is the communications control section mentioned above, and consists of dual port memory 41, the data selector 42, a serial parallel conversion control section 43 that performs serial parallel conversion control, a controller 44 for line control, and microprocessor (CPU) 45 grade.

[0017] In this circuit, the output signal from CCD of the camera section 1 is changed into a luminance signal and a color-difference signal in the CCD signal-processing section 4. Each signal is changed into a digital signal from an analog signal in the A/D-conversion section 31, and is recorded on an image memory 38. At this time, the luminance signal from the CCD signal-processing section 9 is transmitted to 1 section motion vector detector 10, and is inputted into a microprocessor 11 as a motion vector. In the digital-signal-processing section 5, writing to the image memory 38 of image data or reading control is performed by the memory control section 34. Moreover, encoding/decoding of image data are performed by DSP36 for image codecs. Efficient data transfer is performed by buffer memory 35 and 37 at this time.

[0018] Moreover, in this circuit, recognition of a speaker is performed by the image recognition section 40 from a motion of the month of the person whom the camera arrested, and control of a ****** sake is performed for a camera by the camera drive control section 39 in a speaker.

[0019] In addition, the signal from CCD is once recorded on an image memory 38, data are read from this image memory 38 at the time of the data transfer to a circuit, and it is transmitted to DSP36 for image codecs through buffer memory 35, and decoding is performed there and it is again transmitted to the communications control section 6 through buffer memory 37. Decoding is completely performed by this reverse flow, and the received data from a communication line are written in the image memory 38.

[0020] In the above-mentioned circuit, micro PUROSSESA 11 will choose the specified speaker in two or more speakers as a coincidence term from the motion vector from the video signal processing section 4, if the flow of a top Norikazu ream is controlled, and it performs camera drive control for moving a camera to the speaker. Moreover, the data decoded from the digital-signal-processing section 5 are transmitted to serial data from parallel data through the dual port memory 41 of the communications control section 6 to the public line after [general] conversion.

[0021]

[Effect of the Invention] Since according to this invention the specified speaker which is carrying out the present talk can be automatically chosen from two or more speakers with image transmission equipment,

such as a video conference system, and a camera can be automatically moved in the direction of this specified speaker, the meeting advance with the same sufficient effectiveness as the usual meeting where two or more speakers sit is attained.

[Translation done.]

* NOTICES *

1.This document has been translated by computer. So the translation may not reflect the original precisely.
2.**** shows the word which can not be translated.
3.In the drawings, any words are not translated.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]
[Drawing 1] It is the functional block diagram of the picture transmission equipment concerning this invention.
[Drawing 2] It is the block diagram showing the configuration of the motion vector detecting element in this invention equipment.
[Drawing 3] It is the detail block diagram of the motion vector detector in this invention equipment.
[Drawing 4] It is the expansion front view of the camera section in this invention equipment.
[Drawing 5] It is the expansion horizontal side Fig. of the camera section in this invention equipment.
[Drawing 6] It is the detail circuit block diagram of the picture transmission equipment of this invention.

[Drawing 7] It is the functional block diagram of conventional picture transmission equipment.
[Description of Notations]
1 Camera Section
2 Lens
3 Electromagnet for Camera Section Drive
4 Video Signal Processing Section
5 Digital-Signal-Processing Section
6 Communications Control Section
7 Built-in / External Microphone
8 Solid State Image Sensor (CCD)
10 Motion Vector Detector
40 Image Recognition Section

[Translation done.]

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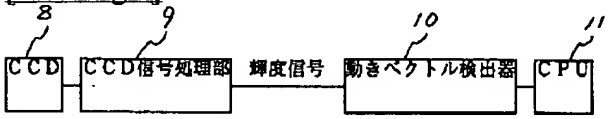
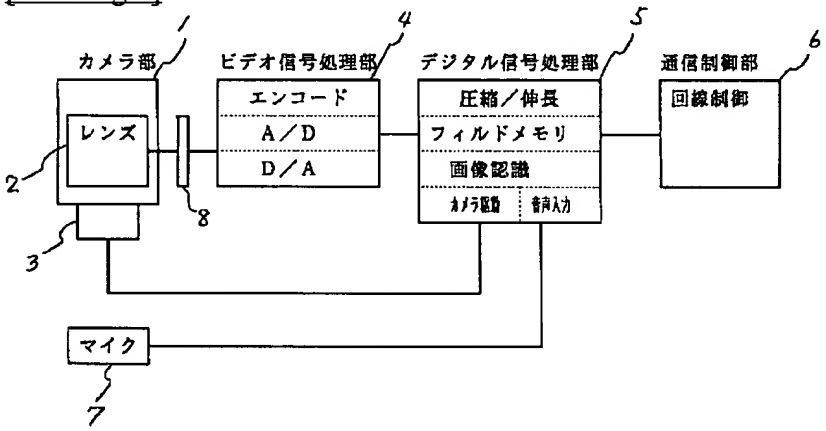
2.**** shows the word which can not be translated.
3.In the drawings, any words are not translated.

DRAWINGS

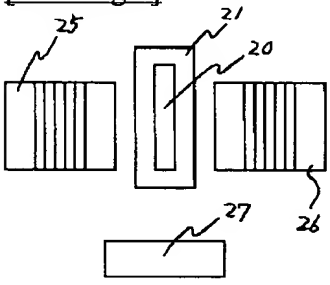
[Drawing 2]



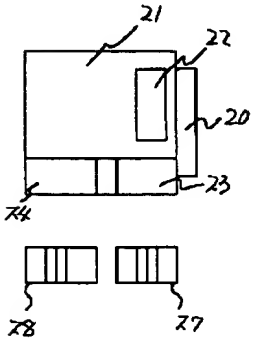
[Drawing 1]



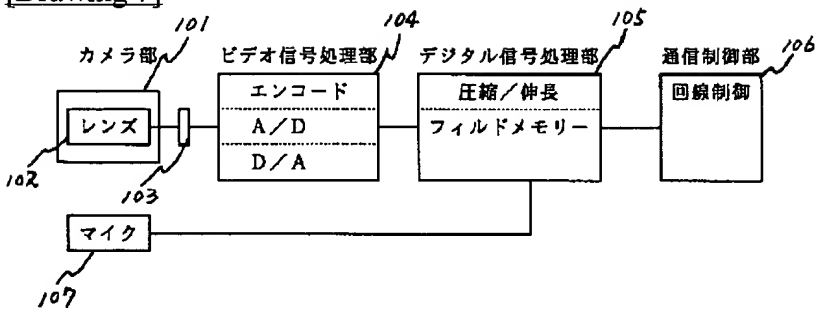
[Drawing 4]



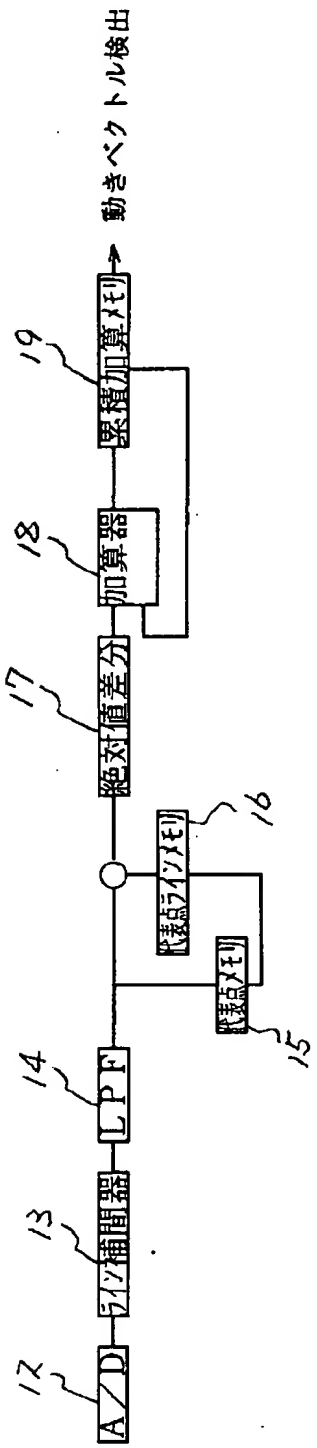
[Drawing 5]



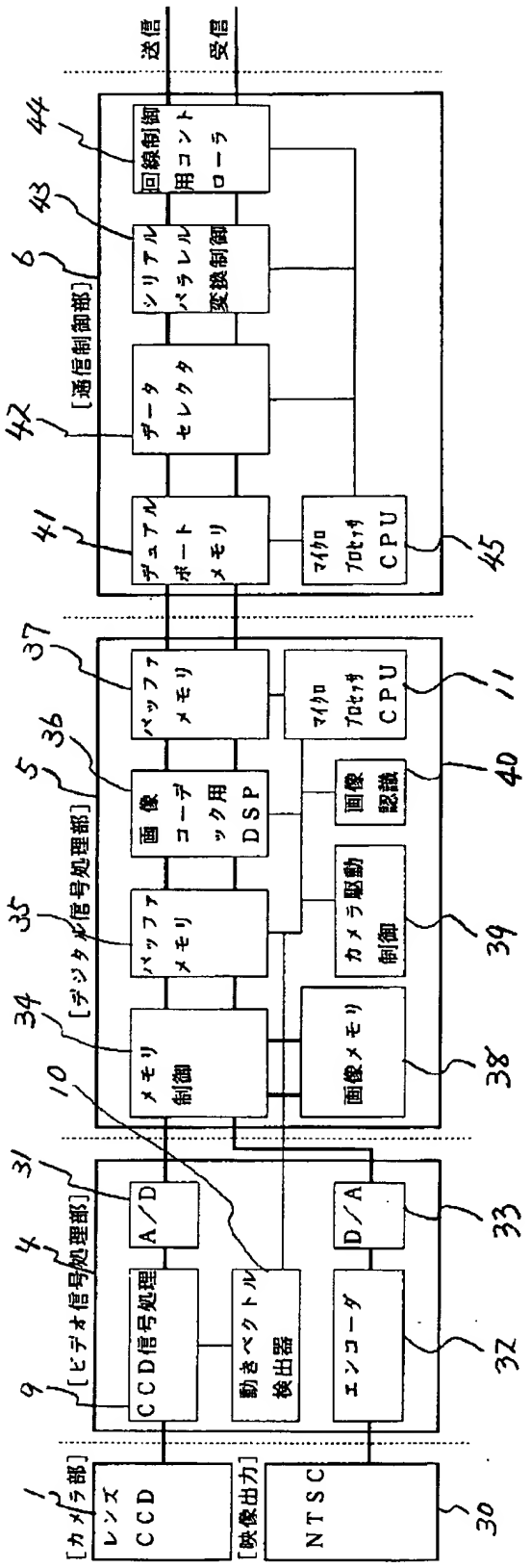
[Drawing 7]



[Drawing 3]


動きベクトル検出
累積加算メモリ
19
加算器
18
絶対値差分
17
16
15
LPF
14
ライン補間器
13
A/D
12

[Drawing 6]



[Translation done.]